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REFACE

o we need standardized information? 1)

o encourage the free flow of scientific information and data, standardization
s needed in two senses: minimum specifications and uniformity. Minimum
pecifications are necessary in the material aspects of information carriers
ke paper, film or magnetic tape. Unification is needed in the range of
izes of the information carriers, in the way information is recorded on the
arriers (character sets, type sizes and area of type page for printed
ocuments; image arrangement and reduction ratios for microfiche; encoding
nd recording speed for machine-readable documents).

umerous standards exist on these aspects and the range of options, for
nstance in microfiche, is progressively being reduced. Under pressure from
brarians and secondary services, much early standardization on publications
rovided rigid specifications on the provision and placing of bibliographic
lements needed for identification.

ecent surveys have shown that some of these rules are little implemented
nd scientific editors have been active in the international groups revising
iese standards. The international standard for bibliographic references
SO--690) is rarely, if ever, applied in all its provisions but revision is
omplicated by the pressure from librarians to conform to their type of
rmat. Standardization on the presentation of numeric data was encouraged
y the international acceptance of the International System of Units (SI) but,
hrough diversity in the naming of quantities, exchange of data between
isciplines is still hampered. Within all disciplines, an immense effort is
evoted to unification of terms. Centres in Warsaw and Vienna under Unesco

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Preview of a paper submitted to the 1st International Conference of
cientific Editors, Jerusalem, April 1977. Topic 6: "International standards
nd standardization: requirements and relaxations".

auspices provide bibliographic access to this work. Despite their shortcomings, standards on presentation of publications merit wider study among scientists.

J. Christopher Rigg
PUDOC English Revisor

Editorial note.

Pudoc Bulletin is the national bibliography of Dutch agricultural science and research. wether published within the country or elsewhere. Its main purpos is to inform workers in other countries about what Dutch research has been published. Although arranged by broad subject categories it is not intended as a source for finding literature on a certain subject, since it includes only the contribution of one country.

Dutch agricultural scientists who need help in finding literature on a certain subject can better get in touch with us direct: PUDOC, Postbox 4, Wageningen
Telephone: 08370 - 19146.

Editor.

IBLIOGRAPHIES

udoc offers the following recently compiled bibliographies (Nos 3953-3978) t about ƒ 0,70 per page (about 16 references) with a minimum of ƒ 2,50. etween brackets are added the number of titles in each language. Any request hould state serial numbers of the bibliographies required.

erial o.	Date	Title	Number of references
953	1976-11-10	Fish culture (En 62, Ger 20, Russ 7, Fre 4, Nl 3, S-C 3, Cze 2, Pol 2, Afr 1, Jap 1, Rom 1, Slo 1)	107
954	-11-08	Papaver bracteatum and Chondodendron tomentosum (En 29, Ger 3, Esp 2, Fre 2)	36
955	-11-08	Fallowing of arable land: ecological consequences (Ger 34, En 5, Nl 1)	40
956	-11-12	Introduction of agricultural machinery in West Germany, Belgium, France, Great Britain, Netherlands and Italy (Ger 57, Nl 56, Fre 40, En 17, Ital 1)	170
957	-11-25	Economic situation of agriculture in the Netherlands, and agricultural regulations in the Netherlands and the European Community (Nl 103, En 13, Ger 12, Fre 3)	131
958	-11-22	Breeding tulips; shortening the juvenile phase; botanic tulips: supplement to Bibliogr. 3049 (Nl 28, En 20, Ger 6, Fre 1, Jap 1)	56
959	-11-22	Preparation of saké: some titles (En 3, Jap 3)	6
960	-11-24	Role of hedges and windbreaks for songbirds (Nl 2, En 1, Fre 1, Ger 1)	5
961	-11-26	Metam sodium (Vapam) in the soil (En 76, Russ 21, Ger 9, Nl 3, Bulg 1, Esp 1, Fre 1, Pol 1, Turk 1)	
962	-11-29	Traditional fermented foods (see also Bibliogr. 3984): fish sauce, fish paste (see also Bibliogr. 3982), rice wine, fermented rice (see also Bibliogr. 3983), fermented glutinous rice, fermented cassava root, fermented soya bean (En 121, Nl 2, Jap 2, Bulg 1, Chin 1, Fre 1, Ger 1, Port 1)	130
963	1977-01-04	Bulrush: Scirpus lacustris (En 31, Ger 3, Rom 2, Russ 1)	37
964	1976-12-13	Agriculture, nuisance and environmental laws (See also Bibliogr. 3321, 3360 and 3488). (Nl 34, En 3, Ger 3)	40

3965	1976-12-13	Tower silos for roughage (Nl 46, Ger 9, En 5)	60
3966	-12-13	Manufacture of tapioca flour (En 20, Ger 2, Nl 2, Port 2, Fre 1)	27
3967	-12-13	Kohlrabi, tomatoes from heated greenhouses and lettuce out of doors (Nl 15, En 5, Ger 4, Fre 1)	25
3968	-12-20	Krill: Euphausia superba (En 51, Russ 14, Jap 7, Esp 2, Fre 1, Pol 1)	76
3969	-12-22	The Farmers' Revolt in 1974 and the Mansholt Plan. Supplement to Bibliogr. 3315, 3377 and 3683. (Nl 15, En 4, Ger 3, Dan 1, Fre 1)	24
3970	-12-15	Nutritive value of Jerusalem artichoke, Helianthus tuberosus (Ger 6, En 2, Fre 2, Nl 1, Russ 1)	12
3971	-12-20	Weed control without chemical agents (En 40, Ger 6, Nl 4, Ital 1, Russ 1)	52
3972	-12-21	Humus (En 9, Ger 5, Fre 4, Nl 4, Pol 2, Esp 1, Russ 1)	26
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3974	-12-27	Estimating proteins in feedstuffs by dye--binding (En 15, Ger 2)	17
3975	-12-29	Drying of beet pulp and molasses (En 5, Fre 4, Ger 3, Hung 3, Rom 1, Russ 1, Swe 1)	18
3976	-12-29	The Asswan Dam (En 8, Nl 2)	10
3977	-12-29	Hail damage to potatoes (En 5, Nl 2, Bulg 1, Ger 1, Jap 1)	10
3978	-12-30	Soya (En 123, Jap 28, Fre 4, Nl 3, Afr 1, Kor 1, Port 1)	161

LANGUAGE ABBREVIATION

(Afr)	African
(Arab)	Arabic
(Bel)	Belorussian
(Bulg)	Bulgarian
(Chin)	Chinese
(Cro)	Croatian
(Cze)	Czech
(Dan)	Danish
(En)	English
(Esp)	Spanish
(Est)	Estonian
(Finn)	Finnish
(Fre)	French
(Ger)	German
(Gr)	Greek
(Hung)	Hungarian
(Iran)	Iranian
(Ital)	Italian
(Jap)	Japanese
(Kor)	Korean
(Latv)	Latvian
(Lit)	Lithuanian
(Nl)	Dutch, Flemish
(Nor)	Norwegian
(Pol)	Polish
(Port)	Portugese
(Rom)	Romanian
(Russ)	Russian
(S-C)	Serbo-Croat
(Ser)	Serbian
(Slo)	Slovak
(Slv)	Slovenian
(Swe)	Swedish
(Thai)	Thai
(Turk)	Turkish
(Ukr)	Ukrainian

DUTCH PUBLICATIONS IN AGRICULTURAL SCIENCE

BASIC SCIENCES

Library, documentation, information

(Also No M 102)

M 1 (Netherlands Commission for the provision of nuclear and metallurgical information. Annual Report 1975.) (COBIDOC). Commissie nucleaire en metallurgische informatieverzorging. Jaarverslag 1975. COBIDOC, Amsterdam, 1976. pp. 43. Dutch.

Social sciences (advice, education, insurance, migration, public relations etc.)

(Also Nos M 110, 130, 136, 437, 530, 564, 567)

M 2 Annual Report 1974-1975. (Institute of Social Studies, Molenstraat 27, Den Haag). I.S.S., The Hague, 1976. pp. 62. English.

M 3 (Bibliography Dutch sociology 1974 - including literature on foreign countries.) (RUU). Bibliografie Nederlandse Sociologie 1974. Mededelingen van het Sociologisch Instituut van de Rijksuniversiteit te Utrecht (1975)(95) 148 p. Dutch.

M 4 Galjart, B. (LHASN). Peasant mobilization and solidarity - in Chile. Agricultural Research Reports no. 849, Wageningen, 1976. pp. 132. Refs. 117. English. ISBN 90 220 0602 6.

M 5 Leeuwen, L.Th. (LHARSW). (The family as a study object in sociology. A historical review of the development of a sub-discipline mainly regarding the situation in the Netherlands.) Het gezin als sociologisch studie-object. Een historisch overzicht van de ontwikkeling van een sub-discipline speciaal met het oog op de situatie in Nederland. Doctoral thesis, Wageningen, 1976. pp. 420. Refs. 587. Dutch, with English and Dutch summaries.

M 6 Leniger, H.A. (LHALMT). (Education for the food industry in the Netherlands.) Opleidingen in de levensmiddelentechnologie in Nederland. VAI-nieuws (1976)3(1) p. 16-18. Dutch.

M 7 Rijk, J. de. (LEI). (Wonseradeel-south. Socio-economic survey of a reallotment area in Friesland - Netherlands.) Wonseradeel-zuid. Sociaal-economische verkenning van een ruilverkavelingsgebied in Friesland. Publikaties - LEI no. 2.82, Den Haag, 1976. pp. 50. Refs. 6. Dutch, with Dutch summary. Price ƒ 7,--.

Economics, trade

(Also Nos M 7, 101, 106, 108, 120, 136, 138, 154, 199, 225, 229, 248, 252, 257, 315, 316, 317, 318, 319, 388, 401, 417, 438, 518, 520)

M 8 (Agricultural development plan for Winterswijk - Netherlands.) (Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Gelderland, Gildemeestersplein 1, Arnhem). Landbouwontwikkelingsplan Winterswijk. Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Gelderland. Arnhem, 1976. pp. 52. Dutch, with Dutch summary.

M 9 Bogaerds, N. (LEI). (Production and marketing in broilers - in the EEC since 1971.) Produktie en afzet van slachtkuikens. Bedrijfsontwikkeling (1976)7(6) p. 449-453. Dutch.

M 10 Boonekamp, L.W.L. (DVZ). (The role of the - Dutch - government in farm contracting and integration.) De rol van de overheid bij contracteringen en integraties. Bedrijfsontwikkeling (1976)7(4) p. 261-264. Dutch.

M 11 Hof, J. (Cebeco - Handelsraad, Rotterdam). (Purpose, set-up and turnover of buying and selling co-operatives.) Doel, opzet en omzet van de aan- en verkoopcoöperaties. Landbouwkundig Tijdschrift (1976)88(9) p. 304-309. Dutch, with Dutch summary.

M 12 Meulenberg, M.T.G. (LHAMM). Dynamics of marketing channels; a contribution to a frame of reference for marketing channel research in horticulture. Acta Horticulturae (1974)(40-2) p. 2[illegible]-297. Refs. 2. English.

M 13 Perdok, U.D. (IMAG) & Tanis, T. (Investigation into the number of weather-working days for spring tillage.) Onderzoek naar het aantal werkbare dagen voor de voorjaarsgrondbewerking. Bedrijfsontwikkeling (1975)6(7/8) p. 633-635. Ref. 1. Dutch.

M 14 Rodrigues Lopes, D.L. (THD). (The future of land ownership.) De toekomst van de grondeigendom. De Pacht (1976)36(7) p. 1[illegible]-221. Dutch.

M 15 Vollaers, J.A. (IMAG). (Import of agricultural machinery in the Netherlands.) De invoer van landbouwwerktuigen in 1975. Landbouwmechanisatie (1976)27(9) p. 871-874. Dutch, with English and Dutch summaries.

Political science

(Also Nos M 179, 316, 344, 485, 568, 584)

M 16 Haan, P. de.(VUA). (Soil policy in a christian-democratic perspective.) Grondpolitiek in een christen-democratisch perspectief. Politiek Perspectief (1975)4(5) p. 30-43. Dutch.

M 17 Haan, P. de. (VUA). (Land policies in a financial perspective.) Grondpolitiek in een financieel perspectief. Openbare Uitgaven (1976)8(5) p. 138-148. Dutch, with Dutch summary.

Atomic sciences

(See Nos M 28, 84, 105a, 184, 213, 233, 504)

Mathematics

(See Nos M 19, 137, 243, 418)

Physics, biophysics

(Also Nos M 21, 53, 73, 87, 89, 137, 141, 150, 169, 182, 193, 301, 346, 382, 491, 508, 512, 516, 548, 580)

M 18 Stigter, C.J. & Visscher, G.J.W. (TFDL). Application of a new calibration method to an unventilated dynamic diffusion porometer. Netherlands Journal of Agricultural Science (1975)23(4) p. 303-307. Refs. 14. English, with English summary.

M 19 Ton, H. (CD). (A study of the use of frequencies of precipitation - and evaporation surpluses in the Rijtema calculating scheme.) Een onderzoek naar het gebruik van frequenties van neerslag- en verdampingsoverschotten in het rekenschema Rijtema..Mededelingen Cultuurtechnische Dienst no. 116, Utrecht, 1975. pp. 37. Refs. 13. Dutch, with Dutch summary.

Chemistry, biochemistry

(Also Nos M 26, 27, 33, 36, 47, 51, 75, 81, 84, 93, 96, 117, 127, 158, 168, 189, 214, 215, 216, 224, 228, 232, 240, 245, 253, 258, 262, 274, 281, 305, 323, 345, 346, 349, 350, 363, 381, 384, 386, 432, 447, 449, 460, 464, 477, 478, 479, 484, 500, 511, 512, 515, 516, 524, 525, 528, 542, 560, 580)

M 20 Haan, H. de. (Limnologisch Instituut, Nieuwersluis). Evidence for the induction of catechol-1,2-oxygenase by fulvic acid. Plant and Soil (1976)45(1) p. 129-136. Refs. 14. English, with English summary.

M 21 Norde, W. (LHAFK). Proteins at interfaces. The adsorption of human plasma albumin and bovine pancreas ribonuclease on polystyrene latices. Doctoral thesis, Wageningen, 1976. pp. 155. Refs. 240. English, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool Wageningen no. 76-6.

Geology, meteorology

(Also Nos M 153, 167, 175, 181)

M 22 Berendsen, H.J.A. & Seyhan, E. (RUU). (A half-automatic method for the preparation of lithographic maps and the use of these maps for reconstructing of the morphogenetic development.) Een half-automatische methode voor het maken van lithografische kaarten, en het gebruik van deze kaarten bij het reconstrueren van de morfogenetische ontwikkeling. Berichten Fysisch Geografische Afdeling (1976) no. 10 p. 3-15. Refs. 5. Dutch.

M 23 Cate, J.A.M. ten (STIBOKA) & Heerema, J.P. (Cartographic shaping of the geomorphological map and legends.) De kartografische vormgeving van de geomorfologische kaart en legenda. Kartografisch Tijdschrift (1976)2(1) p. 11-15. Dutch.

M 24 Sevhan, F. (RUU). A statistical analysis of morphometrical variables and their correlation with the mean annual flood. Publikatie uit het Geografisch Instituut der Rijksuniversiteit Utrecht. Serie B (1975)(56) pp. 31. Refs. 5. English.

Biology

(Also Nos M 34, 63, 70, 77, 91, 168, 241, 245, 352, 366, 392, 394, 448, 460, 483, 504, 505, 507, 510, 514, 517, 533, 540, 541, 543, 546, 572)

M 25 Bont, J.A.M. de (LHAM) & Leijten, M.W.M. Nitrogen fixation by hydrogen - utilizing bacteria. Archives of Microbiology (1976)107 (3) p. 235-240. Refs. 11. English.

M 26 Exterkate, F.A. (NIZO). Comparison of strains of Streptococcus cremoris for proteolytic activities associated with the cell wall. Netherlands Milk and Dairy Journal (1976)30(2) p. 95-105. Refs. 15. English, with English and Dutch summaries.

M 27 (Foundation for Biological Research (BION); Annual Report 1975.) (BION, Laan van Meerdervoort 53d, Den Haag). Stichting voor Biologisch Onderzoek (BION). Jaarverslag 1975. Published in (special number) Vakblad voor Biologen (1976)56(13, supplement) pp. 252. Dutch.

M 28 Geijn, S.C. van de. (RUU). A non-destructive spectrometric determination of the internal repartition of beta-emitting isotopes in live and inert material. Thesis Utrecht, 1976 nr. 17 pp. 29 + app. Refs. 17. Dutch, with English summary. Contents art. in Nuclear Instruments and Methods (1969)74 101-108; (1974)114 135-136; (1974)117 109-113; (1974)120 107-122; (1976)133 1-10.

M 29 Jong, G. de. (RUU). Natural selection and viability as consequences of competition for food. Doctoral thesis, Utrecht, 1976, pp. 144. Refs. English, with English and Dutch summaries.

M 30 Reinders, L. (LHAMB). Journal of Theoretical Biology (1976)61(1) p. 245-248. Refs. 16. English.

Botany

(Also Nos M 27, 111, 118, 119, 153, 192, 194, 204, 231, 237, 240, 244, 263, 267, 280, 297, 301, 303, 305, 308, 311, 320, 321, 328, 334, 335, 346, 353, 363, 381, 384, 386, 396, 398, 399, 402, 403, 407, 412, 492, 493, 494, 574)

M 31 Bekendam, J. (RPZ). Germination. Seed Science and Technology (1975)3(2) p. 517-521. English.

M 32 Brantjes, N.B.M. (KUN). Riddles around the pollination of Melandrium album (MILL) garcke (Caryophyllaceae) during the oviposition by Hadena bicburis hufn. (Noctuidae, Lepidoptera). Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C (1976)79(2) p. 126-141. Refs. p. 141. English.

M 33 Bruinsma, J. (LHAPO) et al. Hormonal regulation of phototropism in the light-grown sunflower seedling, Helianthus annuus L.: immobility of endogenous indoleacetic acid and inhibition of hypocotyl growth by illuminated cotyledons. Journal of Experimental Botany (1975)26(92) p. 411-418. Refs. 24. English.

M 34 Egeraat, A.W.S.M. van. (LHAM). (Interaction of plant roots and micro organisms.) Interactie tussen plantewortel en micro-organismen. Landbouwkundig Tijdschrift (1976)88(9) p. 286-293. Refs. 12. Dutch.

M 35 Florschütz, P.A. (RUU). (The system of the Angiospermae. 4.7.) Het systeem der Angiospermen (4). Wachendorffia (1975)3(3) p. 34-36. Dutch.

M 36 Kooiman, P. (THD). The occurrence of iridoid glycisides in the Verbenaceae. Acta Botanica Neerlandica (1975)24(5-6) p. 459-468. Refs. p. 467-468. English.

M 37 Maas Geesteranus, R.A. (KNAW). Reflections upon Clavicorona dryophila. Refs. 10. English. Proceedings KNAW Series C (1976) 79(2) p. 147-149. Refs. 10. English.

M 38 Meeuse, A.D.J. (GUA). Aspects of the evolution of the monocotyledons. Acta Botanica Neerlandica (1975)24(5-6) p. 421-436. Refs. p. 435-436. English.

M 39 Meeuse, A.D.J. (GUA). Origin of the angiosperms-problem or inaptitude. Phytomorphology (1975)25(4) p. 373-379. Refs. 18. English.

M 40 Mennema, J. (RUL). Treatened and protected plants in the Netherlands. Naturopa (1975)(22) p. 10-13. Refs. 14. English.

M 41 Rietema, H. (RUG). Comparative investigations on the life-histories and reproduction of some species in the siphoneous green algal genera Bryopsis and Derbesia. Thesis Groningen, 1975. pp. 130. Refs. p. 128-130. English.

M 42 Samson, R.A. (CBSC) & Mouchacca, J. Two new soil-borne cleistothecial ascomycetes. Canadian Journal of Botany (1975) 53(16) p. 1634-1639. Refs. 8. English.

M 43 Schellart, J.A.; Visser, F.M.W.; Zandstra, T. & Middelhoven, W.J. (LHAM). Starch degradation by the mould Trichoderma viride, 1. The mechanism of starch degradation. Antonie van Leeuwenhoek (1976)42(3) p. 229-238. Refs. 15. English, with English summary.

M 44 Schellart, J.A.; Arem, E.J.F. van; Boekel, M.A.J.S. van & Middelhoven, W.J. (LHAM). Starch degradation by the mould Trichoderma viride, 2: regulation of enzyme synthesis. Antonie van Leeuwenhoek (1976)42(3) p. 239-244. Refs. 7. English, with English summary.

M 45 Shipton, W.A. & Schipper, M.A.A. (CBSC). Halteromyces, a new genus in the Mucorales. Antonie van Leeuwenhoek (1975)41(3) p. 337-342. Refs. 6. English.

M 46 Soest, J.L. van. (KNAW). New Taraxacum species from Europe. V. Proceedings KNAW Series C (1976)79(2) p. 171-180. English.

M 47 Valk, P. van der (RUG) & Wessels, J.G.H. Ultrastructure and localization of wall polymers during regeneration and reversion of protoplasts of Schizophyllum commune. Protoplasma (1976)90(1-2) p. 65-87. Refs. p. 85-87. English.

M 48 Venverloo, C.J. (RUL). The formation of adventitious organs. III. A comparison of root and shoot formation on Nautilocalyx explants. Zeitschrift für Pflanzenphysiologie (1976)80(4) p. 310-322. Refs. English.

M 49 Waard, M.A. de. (LHAFD). Formation of protoplasts from Ustilago maydis. Antonie van Leeuwenhoek (1976)42(3) p. 211-216. Refs. 11. English, with English summary.

M 50 Weeda, E.J. (RUL). (A peculiar growing site of Allium scorodoprasum.) Een merkwaardige groeiplaats van Allium scorodoprasum L. Gorteria (1976)8(4) p. 69-73. Refs. 7. Dutch, with English summary.

M 51 Werkman, B.A. (GUA). Localization and partial characterization of a sex-specific enzyme in homothallic and heterothallic Mucorales. Archives of Microbiology (1976)109(3) p. 209-213. Refs. 12. English.

M 52 Weijman, A.C.M. (CBSC) & Hoog, G.S. de. On the subdivision of the genus Ceratocystis. Antonie van Leeuwenhoek (1975)41(3) p, 353-360. Refs. 19. English.

M 53 Zanstra, P.E. & Hagenzieker, F. (RUG). Comments on the psychrometric determination of leaf water potentials in situ. Rijksuniversiteit Groningen, Haren (Gr.), 1976. pp. 24. Refs. 20. English, with English summary.

Zoology

(Also Nos M 27, 69, 72, 113, 121, 165, 202, 210, 330, 336, 431, 433, 444, 447, 449, 452, 470, 473, 474, 581)

M 54 Baerends, G.P. (RUG). The functional organization of behaviour. Animal Behaviour (1976)24(4) p. 726-738. Refs. p. 737-738. English.

M 55 Berlinger, M.J. & Ankersmit, G.W. (LHAE). Prediapause and diapause development in Adoxophyes orana (Lepidoptera, Tortricidae). Netherlands Journal of Plant Pathology (1976)82(4) p. 147-149, English, with Dutch summary.

M 56 Gut, J. (IPO). Chromosome numbers of parthenogenetic females of fiftyfive species of Aphididae (Homoptera) new to cytology. Genetica (1976)46(3) p. 279-285. Refs. 11. English, with English summary.

M 57 Krnjaic, D. & Loof, P.A.A. (LHAN). Carcharolaimus banaticus N. Sp. (Nematoda: Discolaimidea) and its ecology. Estratto da: Nematologia Mediterranea (1975)3(2) p. 153-161. Refs. 8. Yugoslavian, with English summary.

M 58 Lenteren, C.J. van. (RUL). The development of host discrimination and the prevention of superparasitism in the parasite Pseudeucoila bochei weld (Hym.: Cynipidae). Netherlands Journal of Zoology (1976)26(1) p. 1-83. Refs. p. 80-83. English.

M 59 Sanders, H. (LHAN) & Mulet, J. "E" type perineal patterns in Meloidogyne species. Nematologica (1976)22(3) p. 373-376. Refs. 7. English.

APPLIED SCIENCES

PUBLIC HEALTH, ENVIRONMENTAL POLLUTION, NATURE CONSERVATION

(Also Nos M 27, 96, 156, 163, 172, 177, 199, 217, 284, 293, 310, 519, 544, 555, 557, 562)

M 60 Bakker, J.P. (RUG). (Nature management and nature management research in the stream valley of the Drentse A-rivulet.) Natuurbeheer en natuurbeheersonderzoek in het stroomdal van de Drentse A. De Levende Natuur (1976)79(3) p. 49-56. Dutch.

M 61 Bouter, C. (VUA) & Hollander, J.A. de. (Heavy metals around Mijdrecht. An investigation on the occurrence of the metals copper, nickel, chromium and zinc in water and soil sludge in ditches and watercourses around Mijdrecht.) Zware metalen rond Mijdrecht. Een onderzoek naar het voorkomen van de metalen koper, nikkel, chroom en zink in water en bodemslib in sloten en vaarten rond Mijdrecht. Instituut voor Milieuvraagstukken aan de Vrije Universiteit; serie C: Chemische en chemisch-biologische aspecten, no. 4. Amsterdam, 1974. (received 1976) pp. 27. Refs. 15. Dutch.

M 62 Gallacher, H.P. (Rijndijk 31, Leiden). (Fire as friend - in management of nature areas.) Vuur als vriend. Natura (1975)72(7) p. 102-105. Refs. 5. Dutch.

M 63 Kampelmacher, E.H. (RIV); Leussink, A.B. & Noorle Jansen, L.M. van. Comparative studies of methods for the enumeration of coli aerogenes bacteria and E. coli in surface water. Water Research (1976)10(4) p. 285-288. Refs. 11. English.

M 64 Krul, J.M. (LHAM). The relationship between dissimilatory nitrate reduction and oxygen uptake by cells of an Alcaligenes strain in flocs and in suspension and by activated sludge flocs. Water Research (1976)10(4) p. 337-341. Refs. 17. English.

M 65 Kuenen, D.J. (RUL), (RIN). (Introduction into environmental science.) Inleiding in de milieukunde. Van Gorcum, Assen, 1976. pp. 335. Refs. 11 p. Dutch. ISBN 90 232 1401 3.

M 66 Ottevanger, C.F. (GUA). An epidemiological and toxicological study of occupational exposure to an organophosphorus pesticide. Doctoral thesis, Amsterdam. Phoenix en Den Oudsten, Rotterdam, 1976. pp. 188. Refs. 170. English, with English and Dutch summaries.

M 67 Schimmel, H. (RIN). ('Atlantic deserts' the shifting sands of the Veluwe - Netherlands.) 'Atlantische woestijnen' de Veluwse landverstuivingen. Natuur en Landschap (1975)29(1/2) p. 11-44. Refs. 22. Dutch.

M 68 Uiterwijk Winkel, A.P.B. (ANWB). (Environmental hygienic aspects of recreation ponds.) Milieu-hygiënische aspecten van recreatieplassen. Recreatievoorzieningen (1975)7(9) p. 397-402. Refs. 6. Dutch, with English summary.

M 69 Veen, H.E. van de. (Gelderse Milieuraad, Zijpendaalseweg 14a, Arnhem). (The Veluwe natural? The Veluwe massive "conservation", "afforestation" or "make the most of natural development possibilities?") De Veluwe natuurlijk? Het Veluwemassief "behouden", "behouten" of "woekeren met natuurlijke ontwikkelingsmogelijkheden?" Gelderse Milieuraad, Arnhem, 1975. pp. 56. Refs. p. 54-56.

M 70 Voorst, H.M.L. van. (GUA). (Safety in laboratoria for dangerous biological material.) Veiligheid in laboratoria voor gevaarlijk biologisch materiaal. De Veiligheid (1976)52(12) p. 497-500. Dutch.

VETERINARY SCIENCE

(Also Nos M 21, 27, 421, 427, 430, 450, 465, 513, 521)

M 71 Bercovich, Z. & Jong, M.F.de.(CDIR). (Shortening of the upper jaw (Brachygnathia superior) as a clinical feature of atrophic rhinitis in approximately eight-week-old piglets.) Brachygnathia superior als klinisch kenmerk van atrofische rhinitis bij de big op een leeftijd van ± 8 weken. Tijdschrift voor Diergeneeskunde (1976)101(18) p. 1011-1032. Refs. 9. Dutch, with English and Dutch summaries.

M 72 Boender, J. (RUUFD). The relation between sperm quality and the effect of ouabain on the motility of spermatozoa - of boar. Tijdschrift voor Diergeneeskunde (1976)101(20) p. 1134-1140. Refs. [illegible] English, with English and Dutch summaries.

M 73 Bijleveld, K. (RUUFD) & Hartman, W. Electromyographic studies in calves with spastic paresis. Tijdschrift voor Diergeneeskunde (1976)101(14) p. 805-808. Refs. 6. English, with English and Dutch summaries.

M 74 Dinkla, E.T.B. (Gezondheidsdienst voor Dieren in de provincie Groningen, Groningen). (Nitrate poisoning in cattle in the province of Groningen - Netherlands. Report on a number of cases.) Enkele gevallen van nitraatvergiftiging bij runderen in de provincie Groningen. Tijdschrift voor Diergeneeskunde (1976)101(19) p. 1096-1099. Dutch, with English and Dutch summaries.

M 75 Drenth, J. et al. (RUG). Structure of porcine pancreatic prephospholipase A_2. Nature (1976)264(5584) p. 373-377. Refs. 18. English.

M 76 Grootenhuis, G. (CDIR). The difference in hereditary susceptibility to three mastitis agents between two daughter groups - of cattle. Tijdschrift voor Diergeneeskunde (1976)101(14) p. 779-786. Refs. 11. English, with English and Dutch summaries.

M 77 Hill, W.K.W. & Weenink-van Loon, C.W. (CDIR). (Review of the incidence of antibodies to various serological groups of the species Leptospira interrogans in a number of farm animals in the Netherlands.) Een overzicht over het voorkomen van antilichamen tegen verschillende serogroepen van het species Leptospira interrogans bij enkele huisdiersoorten in Nederland.Tijdschrift voor Diergeneeskunde (1976)101(15) p. 835-848. Refs. 26. Dutch, with English and Dutch summaries.

M 78 Holzhauer, C. (Stichting Gezondheidsdienst voor Dieren in Gelderland "Klein Rosendael", Rozendaal) & Nieuwstadt, A.P.K.M.I. van. (Role of bovine respiratory syncytial virus in the aetiology of viruspneumonia in calves and yearlings ("pinkengriep").Preliminary communication.) De etiologische rol van het bovine respiratory syncytial virus bij pinkengriep. Voorlopige mededeling. Tijdschrift voor Diergeneeskunde (1976)101(18) p. 1023-1031. Refs. 15. Dutch, with English and Dutch summaries.

M 79 Hulstaert, C.E. (RUG) et al. (Selenium in vitamin-E-deficient diets and the occurrence of myopathy as a symptom of vitamin E deficiency.) Nutrition and Metabolism (1976)20(2) p. 91-94. Refs. 8. English.

M 80 Jaartsveld, F.H.J.; Voeten, A.C.; Zeeuwen, A.A.P.A. (Gezondheidsdienst voor Dieren in Noord-Brabant, Boxtel); Goren, E. & Jong, W.A. de. (Drug residues in poultry.) Residuen van geneesmiddelen bij pluimvee. Tijdschrift voor Diergeneeskunde (1976) 101(15) p. 849-853. Refs. 8. Dutch, with English and Dutch summaries.

M 81 Kamp, J.A.F. op den (RUU); Kauerz, M.Th. & Deenen, L.L.M. Action of pancreatic phospholipase A_2 on Phosphatidylcholine bilayers in different physical states - pig. Biochimica et Biophysica Acta (M) Biomembranes (1975)406(2) p. 169-177. Refs. 15. English.

M 82 Kommerij, R. (PR). (Control of ringworm in cattle. Test of the new product natamycine.) Bestrijding van ringworm bij rundvee. Beproeving van het nieuwe middel natamycine. Rapporten Proefstation voor de Rundveehouderij no. 40, Lelystad, 1976. pp. 16. Refs. 7. Dutch, with English and Dutch summaries.

M 83 Kouwenhoven, B.; Goren, E. (SGP) & Davelaar, F.G. (A case of fowl cholera (Pasteurella multocida) in six-week-old broilers.) Een geval van vogelcholera (Pasteurella multocida) bij 6 weken oude slachtkuikens. Tijdschrift voor Diergeneeskunde (1976)101(15) p. 855-858. Dutch, with English and Dutch summaries.

M 84 Kraaijpoel, R.J. (FUR). Incorporation of H_2O^{18} O into 20, 22R-di-OH cholesterol: evidence for an epoxide-diol pathway in the adrenocortical cholesterol side-chain cleavage mechanism of bovine. FEBS letters (1975)57(3) p. 294-300. Refs. [illegible]. English.

M 85 Kruijf, J.M. de & Bibo, T.M. (RUUFD). (Sarcosporidiosis in sheep.) Sarcosporidiosis bij schapen. Tijdschrift voor Diergeneeskunde (1976)101(19) p. 1093-1095. Refs. 18. Dutch, with English and Dutch summaries.

M 86 Leeuw, P.W. de (CDIL). (Rotavirus infection in calves.) Rotavirus-infecties bij kalveren. Tijdschrift voor Diergeneeskunde (1976)101 (23) p. 1298-1305. Refs. 54. Dutch, with English and Dutch summaries.

M 87 Maatje, K. (IVO) & Rossing, W. (Detecting sick cows and cows in heat by automatic temperature measurement.) Automatische temperatuurcontrôle bij melkkoeien voor het signaleren van ziekten en tochtigheid. Landbouwmechanisatie (1976)27(5) p. 469-471. Ref. 1. Dutch, with English summary.

M 88 Meijer, P.; Rijnvis, H.J. (Openbaar Slachthuis, Utrecht) & Logtestijn, J.G. van. (Inflammation of the tail in swine. Slaughter-house findings during 1972, 1973 and 1974.) Staartontsteking bij het varken. Enkele slachthuisbevindingen gedurende 1972, 1973 en 1974. Tijdschrift voor Diergeneeskunde (1976)101(19) p. 1073-1078. Refs. 1 Dutch, with English and Dutch summaries.

M 89 Naaktgeboren, C. (GUA), (RUU) et al. (Electrophysiological investigations on uterine motility in ewes during pregnancy and birth.) Elektrophysiologische Untersuchungen über die Uteruskontraktionen des Schafes während der Trächtigkeit und der Geburt. Zeitschrift für Tierzüchtung and Züchtungsbiologie (1975)92(3) p. 220-243. Refs. 9. German, with English summary.

M 90 Nitschelm, D. (RUUFD) & Horst, C.J.G. van der. Some steroids in the blood of mares suffering from endometritis and post-partum mares as compared to normal cycling mares. Tijdschrift voor Diergeneeskunde (1976)101(20) p. 1154-1162. Refs. 37. English, with English and Dutch summaries.

M 91 Os, J.L. van; Bakker-De Koff, E.C. & Kraan, H.P.M. (Gist Brocades NV, Delft). Comparative in vitro studies of a number of anti-mastitis anti-biotics - for cattle. Tijdschrift voor Diergeneeskunde (1976)101(14) p. 787-795. English, with English and Dutch summaries.

M 92 Over, H.J. (CDIL) & Armour, J. Facts and reflections. II. Workshop on fascioliasis. Centraal Diergeneeskundig Instituut, Lelystad, 1976. pp. 110. English, with English summary.

M 93 Penniall, R. et al. (Laboratorium voor Biochemie, B.C.P. Jansen Instituut, Plantage Muidergracht 12, Amsterdam-C), (GUA). Evidence for the presence of di- and triphospho pyridine nucleotide dehydrogenase derivatives as consistent contaminants of purified beef heart cytochrome-c oxidase. Journal of Bioenergetics and Biomembranes (1976)8(6) p. 271-292. Refs. [illegible]. English.

M 94 Postma, B.S. (Dierenarts te Bolsward) & Wensvoort, P. (RUUFD). (Sequestration of the arytenoid cartilage in sheep.) Sequestervorming in het arykraakbeen bij het schaap. Tijdschrift voor Diergeneeskunde (1976)101(18) p. 1032-1033. Refs. 3. Dutch, with English summary.

M 95 Ruitenberg, E.J. & Steerenberg, P.A. (RIV). Stimulation of the non-specific resistance by Corynebacterium parvum and Bacillus Calmette Guerin. Tijdschrift voor Diergeneeskunde (1976)101(14) p. 775-778. Refs. 12. English, with English and Dutch summaries.

M 96 Ruzo, L. et al. (GUA). Metabolism of chlorinated naphtalenes. Journal of Agricultural and Food Chemistry (1976)24(3) p. 581-583. Refs. 27. English.

M 97 Simons, P.C.M. (IPS). (Bone defects in broilers. II. Dyschondroplasy.) Beengebreken bij slachtkuikens.(II). Dyschondroplasie. De Pluimveehouderij (1975)5(24) p. 10-11. Dutch.

M 98 Verberne, L.R.M. (RUUFD) & Mirck, M.H. (Influenza vaccination of horses- which vaccine?) Influenza-enting: welk vaccin? Tijdschrift voor Diergeneeskunde (1976)101(23) p. 1321-1322. Refs. 8. Dutch, with English and Dutch summaries.

M 99 Werkgroep Wormmiddelen (RUUFD). (Dialkylnaphtamidine-derivatives.) Dialkylnaphtamidine-derivaten. Tijdschrift voor Diergeneeskunde (1975)100(19) p. 1054-1056. Dutch, with English summary.

M 100 Wirahadiredja, R.M.S. & Rondhuis, P.R.(CDIR). A comparative study of the neutralisation test and the indirect fluorescent antibody technique for the detection of antibodies to the virus of Aujeszky in pig sera. Tijdschrift voor Diergeneeskunde (1976) 101(20) p. 1125-1128. English, with English and Dutch summaries.

GENERAL AGRICULTURE

(Also Nos M 8, 133, 565, 566)

M 101 (Agricultural data 1976 - of the Netherlands.) Landbouwcijfers 1976. LEI, The Hague, 1976. pp. 228. Tables. Dutch. Price ƒ 15,--.

M 102 Bibliographical reviews of agricultural literature compiled by the Documentation and Information Department of the Centre for Agricultural Publishing and Documentation (PUDOC) Wageningen, Netherlands - 1970 jan. 1st - 1974 dec. 31st. PUDOC - Literatuuroverzicht (1975)(37) pp. 62. Price ƒ 10,--.

M 103 Borel, G.; Bosch, H.; Koppe, R. & Schurer, K. (TFDL). (Instrumentation for agricultural research.) Instrumentatie voor landbouwkundig onderzoek. TNO-Project (1976)4(7) p. 271-279. Refs. 18. Dutch, with Dutch summary.

M 104 (Central organization for Research in the Applied Sciences, The Hague. Annual Report 1975.)(TNO).Nationale Raad voor Landbouwkundig Onderzoek TNO, Den Haag. Jaarverslag 1975. NRLO-TNO, The Hague, 1976. pp. 108. Dutch.

M 105 Huitenga, T. (Rijks Hogere Landbouwschool, Groningen). (Dutch-English dictionary for the agricultural sciences.) Nederlands-Engels woordenboek voor landbouwwetenschappen. [illegible], Leiden, 1976. pp. 600. English, Dutch. ISBN 90 6110 0488.

M 105a Institute for Atomic Sciences in Agriculture. Annual Report 1975 (ITAL). ITAL, Wageningen, 1976. pp. 180. English, with English summary.

M 106 Maris, A. (LEI). (Modernizing agriculture why and in which direction?) Modernisering van de landbouw: waarom en waarheen? Bedrijfsontwikkeling (1976)7(9) p. 601-612. Dutch, with Dutch summary.

M 107 Mertens, J.A.M. (IMAG). (Planning and building of children's farms.) De opzet en bouw van kinderboerderijen. IMAG-Publikatie no. 65, Wageningen, 1976. pp. 36. Refs. 15. Dutch, with English summary. Price ƒ 7,50.

M 108 Nooij, A.T.J. (LHARSW). (Agriculture and economic growth.) Landbouw en economische groei. Bedrijfsontwikkeling (1976)7(9) p. 613-618. Dutch.

M 109 Wit, C.T. de. (CABO). (LHATT). Agriculture's uncertain claim on world energy resources. Span (1975)18(1) p. 2-4. Refs. 9. English.

TROPICAL SCIENCES (ALL SUBJECTS)

M 110 Alphen, J.G. van (ILC). (Land improvement education and research project in Peru.) Cultuurtechnisch onderwijs- en onderzoekproject in Peru. Landbouwkundig Tijdschrift (1976)88(4) p. 110-115. Dutch.

M 111 Baas, P. (RUL). Vegetative anatomy and the affinities of Aquifoliaceae, Sphenostemon, Phelline and Oncotheca. Blumea (1975)22(3) p. 312-407. Refs. p. 404-407. English.

M 112 Blaak, G. (KIT). Pejibaye - a palm, Bactris gasipaes. Abstracts on Tropical Agriculture (1976)2(9) p. 9-17. Refs. 30. English.

M 113 Blommers, L. (GUA). Some Phytoseidae (Acarina mesostigmata) from Madagascar, with descriptions of eight new species and notes on their biology. Bijdragen tot de Dierkunde (1976)46(1) p. 80-106. Refs. p. 105-106. English.

M 114 Breemen, N. van. (LHABK). Genesis and solution chemistry of acid sulfate soils in Thailand. Doctoral thesis, Wageningen, 1976. pp. 263. Refs. 254. English, with English and Dutch summaries. ISBN 90 220 0600 X. Obtainable from Pudoc as Agricultural Research Reports no. 848. Price ƒ 42,50.

M 115 Curfs, H.P.F. (LHALT). Systems development in agricultural mechanization with special reference to soil tillage and weed control. A case study for West Africa. Doctoral thesis, Wageningen, 1976. pp. 180. Refs. 230. English, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool no. 76-5.

M 116 Es, E. van. (ITC). Interpretation of forest vegetation of the [illegible] Valley on ERTS-1 imagery. ITC-Journal (1974)(5) p. 650-654. Refs. 5. English.

M 117 Folstar, P. (LHALMT). The composition of wax and oil in green coffee beans. Doctoral thesis, Wageningen, 1976. pp. 65. Refs. 125. English, with English and Dutch summaries. Obtainable from Pudoc as Agricultural Research Reports no. 854. Price ƒ 11,50. ISBN 90 220 0613 1.

M 118 Fijten, F. (RUL). A taxonomic revision of Buergersiochloa Pilg. (Gramineae.) Blumea (1975)22(3) p. 415-418. Refs. 8. English.

M 119 Gottsberger, G. (KUN), Schrauwen, J. & Linskens, H.F. (Sugar compounds in nectar of some tropical flowers.) Die Zucker-Bestandteile des Nektars einiger tropischer Blüten. Portugaliae Acta Biologica, Série A, (1973-1974)13(1-4) p. 2-8. Refs. 13. German, with English summary.

M 120 Grijpstra, B.G. (KUN). Common efforts in the development of rural Sarawak, Malaysia. Doctoral thesis, Wageningen, 1976. pp. 233. Refs. 163. English, with English and Dutch summaries. Obtainable from Pudoc as Agricultural Research Reports no. 851.

M 121 Harten, A. van. (Groen van Prinstererstraat 37, Wageningen). Further notes on the aphid fauna of São Tomé (Homoptera, Aphidoidea). Agronomia lusitana (1976)37(2) p. 163-165. Refs. 1. English.

M 122 Henneman, G.R. & Kauffman, J.H. (LHABK). Erosion in the Kisii West area - Kenya. Landbouwhogeschool, Wageningen, 1976. pp. 66. Refs. 22. English.

M 123 Hilwig, F.W. (ITC). Visual interpretation of Landsat imagery for a reconnaissance soil survey of the Ganges River Fan, south west of Hardwar, India. ITC Journal (1976)(1) p. 26-43. Refs. 20. English, with French and Spanish summaries.

M 124 Hoffmann, G. (URL); Nijzink, T. & Recourt, J.H. Quality assessment of crude palm oils by direct bleaching with activated bleaching earth. Revue Française des Crops Gras (1975)22(10) p. 511-515. Refs. 5. English.

M 125 Smit, G.S. (ITC). Practical applications of radar images to tropical rain forest mapping in Colombia. Mitteilungen der Bundesforschungsanstalt für Forst- und Holzwirtschaft (1974)(99) p. 51-64. Refs. 8. English.

M 126 Stellingwerf, D.A. (ITC). Reconnaissance and exploitation surveys in Surinam. Mitteilungen der Bundesforschungsanstalt für Forst- und Holzwirtschaft (1974)(99) p. 37-49. Refs. 9. English.

M 127 Verpoorte, R. (RUL). Pharmacognostical studies of some African Strychnos species. Doctoral thesis, Leiden, 1976. pp. 132. Refs. in each art. English. Contents art. in: Phytochemistry (1974)v. 13 p. 2011. J Chromatogr. (1974)v. 100 p. 227 & 231. J.Chromatogr. in press. Pharm. Weekblad in press.

RURAL HISTORY

(Also Nos M 266, 342, 389, 437, 518)

M 128 Steegh, A. (KUN). (Small monument atlas of the Netherlands, old settlements in maps.) Kleine monumentenatlas van Nederland, oude nederzettingen in kaart. Walburg Pers, Zutphen, 1976, pp. [illegible]. Refs. p. 111-112. Dutch. ISBN 90 6011 013 7. Price f 27,50.

FARM MANAGEMENT

(Also Nos M 106, 115, 226, 227, 230, 252, 279 318, 327, [illegible], 375, 376, 387, 400, 401, 417, 459, 469, 471, 475, 522)

M 129 Beumer, J. (LEI). (The effect of the organization of activities on economic arable farm results.) De invloed van de organisatie der werkzaamheden op de bedrijfsuitkomsten van akkerbouwbedrijven. Publikaties - LEI no. 3.59, Den Haag, 1976. pp. 81. Dutch, with Dutch summary.

M 130 Jacobs, A.J. & Tjoe, S.A. (LEI). (Changes in the number of farmers and farms in the river clay areas in the center of the Netherlands - 1968-1973.) Veranderingen in het aantal bedrijfshoofden en bedrijven in de rivierkleigebieden in Midden-Nederland periode 1968-1973. Publikaties - LEI no. 2.77. Den Haag, 1976, pp. 59. Dutch, with Dutch summary.

M 131 Kuipers, A. (Praktijkschool voor de Veehouderij en het Weidebedrijf, Oenkerk). (Farmer and farm of to-morrow. 3. advisable farming plan.) Boer en bedrijf van morgen. 3. gewenste bedrijfsopzet. Bedrijfsontwikkeling (1976)7(6) p. 407-413. Dutch, with Dutch summary.

M 132 Preuter, G. (PA). (Farm economic evaluation of the intensity of the use of land on "De Schreef" trial fields - Netherlands.) Bedrijfseconomische evaluatie van de intensiteit van het grondgebruik op "De Schreef". Rapporten Proefstation voor de Akkerbouw no. [illegible], Lelystad, 1976. 35 pp. Dutch.

M 133 Putten, C. van & Tadema, L.A. (RIJ). (A report for 1974 of the agricultural exploitation by the IJsselmeerpolders Development and Settlement Autohority - Netherlands.) Verslag over het bedrijfsjaar 1974 van de landbouwkundige exploitatie door de Rijksdienst voor de IJsselmeerpolders. Flevoberichten no. 111, Lelystad, 1976, pp. 50. Refs. 8. Dutch, with Dutch summary.

M 134 Spoorenberg, H.A.J.M. & Rijsbergen, C.P. van. (Provinciale Noordbrabantsche Electriciteits-Maatschappij, 's-Hertogenbosch). (Electric power and electricity consumption of dairy farms.) Elektrische belasting en elektriciteitsverbruik van melkveebedrijven met 25-200 koeien. Resultaten van metingen op 25 bedrijven met een diepkoeltank. Landbouwmechanisatie (1976)27(9) p. [illegible]. Dutch, with English and Dutch summaries.

M 135 Zachariasse, L.C. (LEI). (Farmer and economic results. Analysis of divergent rentability of comparable arable farms in the Noord-Oost-Polder - Netherlands.) Boer en bedrijfsresultaat. Analyse van de uiteenlopende rentabiliteit van vergelijkbare akkerbouwbedrijven in de N.O.-Polder. Landbouwkundig Tijdschrift (1976)88(4) p. [illegible]-105. Refs. 10. Dutch.

BUILDINGS, MACHINES, IMPLEMENTS

(Also Nos M 13, 15, 103, 107, 115, 128, 157, 164, 203, 219, 223, 230, 231, 235, 246, 247, 248, 252, 259, 264, 270, 272, 275, 277, 278, 307, 314, 318, 337, 359, 362, 369, 372, 373, 374, 376, 405, 423, 434, 443, 458, 489, 499)

M 136 Binsbergen, A.F.E. van. (FAO, Policy Analysis Div., Roma). (Agricultural mechanization, employment and production in developing countries.) Landbouwmechanisatie, werkgelegenheid en produktie in ontwikkelingslanden. Landbouwkundig Tijdschrift (1976)88(9) p. 298-303. Refs. 10. Dutch.

M 137 Crommelin, R.D. (TNO). (Simulation of the dynamical behaviour of heat exchangers in an air condition unit.) Simulation des dynamischen Verhaltens von Wärmeaustauschern in einer Klimatisierungsanlage. Gesundheits-Ingenieur (1976)97(4) p. 86-88. Refs. 12. German.

M 138 Doornbos, J. & Ridder, A.R. (PR). (Ensilage pits and trench silos usually more economical than tower silos.) Rijkuilen en sleufsilo's meestal voordeliger dan torensilo's. Bedrijfsontwikkeling (1976)7(6) p. 423-426. Dutch.

M 139 Hengeveld, A.G. (PR). (Experiences with trench silos and a tower silo for storage of whole plant corn silage.) Ervaringen met sleufsilo's en een torensilo bij bewaring van snijmais. Landbouwmechanisatie (1976)27(10) p. 995-999. Dutch, with English and Dutch summaries.

M 140 Hoogerkamp, D. (IMAG). Schneller bauen ist billiger bauen. Landtechnik (1975)30(4) p. 200-201. German.

M 141 (How can storm damage be reduced?) (Consulentschap voor Boerderijbouw en -inrichting, Wageningen). Hoe is stormschade te beperken? Landbouwmechanisatie (1976)27(10) p. 987-992. Dutch.

M 142 Koning, K. de & Leeuwerke, H.B. (IMAG). (Lorry containers on the farm.) Vrachtauto-containers. Landbouwmechanisatie (1976) 28(9) p. 878-883. Dutch, with English and Dutch summaries.

M 143 Maring, J. (IMAG). (Blowers on Diesel tractor engines.) Opgeladen dieselmotoren: met meer lucht meer mans! Landbouwmechanisatie (1975)26(11) p. 1243-1248. Dutch.

M 144 Straelen, B.C.P.M. (IMAG). (Brakes for agricultural trailers 1.) Remmen voor landbouwwagens. (I) Landbouwmechanisatie (1975) 26(9) p. 995-998. Dutch.

M 145 (Tower silos in rural Friesland - Netherlands.) (Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Friesland, Postbus 2006, Leeuwarden). Torensilo's in agrarisch Friesland. Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Friesland, Leeuwarden, 1976. pp. 15. Dutch, with Dutch summary.

M 146 Vries, A. de. (Van Andel Bakker Combinatie BV, Vuren (Geld.)). (The importance of a good climate for animal houses.) Het belang van een juist binnenklimaat voor dierenverblijven. Verwarming en Ventilatie (1976)33(9) p. 493-501. Dutch.

M 147 Werkhoven, C. (IMAG). (Dosing of agricultural spraying machines.) Dosering van landbouwspuiten. Landbouwmechanisatie (1976)27(5) p. 439-441. **Dutch, with English summary.**

M 148 Westendorp, T. & Oven, J.H. van. (IMAG). (Some suggestions for remodelling and enlargement of existing cow houses.) Enkele mogelijkheden tot verbouw en uitbreiding van bestaande stallen. Bedrijfsontwikkeling (1976)7(7) p. 531-537. Dutch, with Dutch summary.

SOILS AND FERTILIZERS, SOIL, LAND AND AERIAL SURVEY, GEODESY

(Also Nos M 13, 14, 16, 17, 23, 25, 27, 30, 42, 45, 61, 67, 114, 115, 122, 123, 132, 193, 198, 207, 208, 216, 221, 228, 246, [illegible] 258, 261, 267, 282, 323, 326, 342, 343, 347, 353, 356, 365, [illegible], 416, 434, 554, 576)

M 149 Andringa, J.T. & Loo, L. van. (Consulentschap voor Landbouwwerktuigen en Arbeid, Wageningen). (The handling of manure.) Verwerking van organische mest. Landbouwmechanisatie (1976)27(p. 977-983. Dutch, with English and Dutch summaries.

M 150 Baker, F.G. & Bouma, J. (STIBOKA). Variability of hydraulic conductivity in two subsurface horizons of two silt loam soils. Soil Science Society of America Journal (1976)40(2) p. 219-222. **Refs. 10. English.**

M 151 Bakker, H. de & Edelman-Vlam, A.W. (STIBOKA). (The Dutch soil in colour.) De Nederlandse bodem in kleur. Stiboka, Wageningen 1976. pp. 148. Dutch. ISBN 90 220 0576 3. Price f 35,--.

M 152 Beek, K.J. (ILC). Land utilization types in land evaluation. Land evaluation in Europe; Report on the Technical Consultation, Nitra, Czechoslovakia, 1-6 September 1975; Soils Bulletin - FAO (1976) (29) p. 36-38, 87-106. **Refs. 26. English.**

M 153 Bless, M.J.M. (Rijks Geologische Dienst, Heerlen) & Streel, M. The occurrence of reworked miospores in a Westphalian C microflora from South Limburg - the Netherlands - and its bearing on paleogeography. Mededelingen Rijks Geologische Dienst Nieuwe Serie (1976)27(1) p. 2-39. Refs. p. 21-23. English.

M 154 Boogaerdt, H.M. (Stichting Beheer Landbouwgronden, Maliebaan 21, Utrecht). (The Foundation management of agricultural soils - Netherlands - in the sign of land improvement.) De Stichting Beheer Landbouwgronden in het teken van de cultuurtechniek. Cultuurtechnisch Tijdschrift (1975)15(2) p. 84-90. Dutch.

M 155 Bos, R.H.G. (GUA) & Sevink, J. Introduction of gradational and pedomorphic features in descriptions of soils. A discussion of the soil horizon concept with special reference to paleosols. The Journal of Soil Science (1975)26(3) p. 223-233. Refs. p. 232-233. **English.**

M 156 Bosma, A.H. (IMAG) & Klarenbeek, J. van. (Slurry injection and pollution.) Mestinjectie. Landbouwmechanisatie (1976)27(5) p. 417-419. **Dutch, with English summary.**

M 157 Bosma, A.H.; Klarenbeek, J.V.; Krauze, R. & Zach, M. (IMAG). (Implements and systems for odourless land application of liquid manure.) Werktuigen en systemen voor het stankvrij uitrijden van mengmest. IMAG-Publikaties no. 67, Wageningen, 1976. pp. 28. Refs. 8. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 158 Burg, J. van den. (RBL). International methods for chemical analysis. Report on activities in 1975: methods of soil sampling, IUFRO Subject group S 1.02, Working Party 3. Interne Rapporten Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw "De Dorschkamp" no. 80, Wageningen, 1976. pp. 52. English, with English summary.

M 159 Dam, J.C. van. (THD). Partial depletion of saline groundwater by seepage. Journal of Hydrology (1976)29(3/4) p. 315-339. Refs. 4. English.

M 160 Damme, J.H. ten. (RW). (Ten years hydrostatical surveying.) Tien jaar primair hydrostatisch waterpassen. Geodesia (1975)v.17 (9) p. 213-217. Dutch.

M 161 Dekker, D.J. (CD) (The evaluation of soils in agricultural areas.) De waardering van landbouwgronden in het agrarisch gebied. Cultuurtechnisch Tijdschrift (1976)16(2) p. 74-85. Dutch.

M 162 Dodt, J. (ITC) & Zee, D. van der. Identification of rural land-use types (a method of teaching in, and data acquisition by, photo-interpretation). ITC-Journal (1974)(5) p. 599-616. Refs. p. 614-616. English.

M 163 Goosen, D. (ITC). Landscape development in the valley of the Guadiana-river, Spain. The ITC-Journal (1975)(2) p. 236-244. Refs. 8. English, with French summary.

M 164 Havinga, L. (ICW). (Permanent effect of deep soil cultivation.) Blijvend effect van diepe grondbewerking. Cultuurtechnisch Tijdschrift (1975)15(3) p. 131-135. Refs. 8. Dutch, with Dutch summary.

M 165 Hoof, H.A. van. (IPO). The effect of soil moisture content on the activity of trichodorid nematodes. Nematologica (1976)22(3) p. 260-264. English, with German and English summaries.

M 166 (Institute for Soil Fertility Haren (Gr.); annual report 1975) (IB). Instituut voor Bodemvruchtbaarheid, Haren (Gr.); jaarverslag 1975. IB-rapport no. IBJAAG 1-154, Haren (Gr.), 1976; pp. 154. Dutch, with English summary.

M 167 Kamp, P.C. van de (RUL); Leake, B.E. & Senior, A. The petrography and geochemistry of some Californian arkoses with application to identifying gneisses of metasedimentary origin. The Journal of Geology (1976)84(2) p. 195-212. Refs. 37. English.

M 168 Kessel, J.F. van. (LHAM). Influence of denitrification in aquatic sediments on the nitrogen content of natural waters. Doctoral thesis, Wageningen, 1976. pp. 104. Refs. 58. English, with English and Dutch summaries. Obtainable from Pudoc as Agricultural Research Reports no. 858, ISBN 90 220 0620 4.

M 169 Laat, P.J.M. de. (International Courses in Hydraulic and Sanitary Engineering, Delft); (THD). A pseudo steady-state solution of water movement in the unsaturated zone of the soil. Journal of Hydrology (1976)30(1) p. 19-27. Refs. 7. English, with English summary.

M 170 Lisle, R.J. (RUL). Some macroscopic methods of fabric analysis. The Journal of Geology (1976)84(2) p. 225-235. Refs. 18. English.

M 171 Lubbers, J. (IB). (Mineral balance on three years of a mixed farm on sandy soil with dairy cattle and breeding pigs at Diessen - in the province N. Brabant.) Mineralenbalans over drie jaren van een gemengd bedrijf op zandgrond met melkvee en fokvarkens te Diessen. Instituut voor Bodemvruchtbaarheid. Rapport 13, Haren, 1976. **pp. 31. Refs. 6. Dutch.**

M 172 Luit, B. van (IB); Caem, H.E. van & Dapper, J.G. (The effect of phosphate and calcium on different crops in zinc-polluted sandy soils.) Het effect van fosfaat en kalk bij verschillende gewassen op met zink verontreinigde zandgrond. Bedrijfsontwikkeling (1976)7(6) **p. 467-471. Dutch, with Dutch summary.**

M 173 Meester, T. de et al. (LHABK). (Erosion study project Cordoba (Spain) - 1975-1976. Report of the preliminary study, 2.) Erosie studie projekt Cordoba - Spanje 1975-1976. Verslag van het vooronderzoek, 2. Landbouwhogeschool, Wageningen, 1976. pp. 78. **Refs. 10. Dutch.**

M 174 Molen, H. van der. (LBNS). (Is chemical fertilizer absolutely necessary?) Is kunstmest per se nodig? Intermediair (1976)12(15) **p. 51. Refs. 3. Dutch.**

M 175 Mulder, J.P.M. (RUU). (A first attempt towards a hypothesis on the genesis of the Viborg area, Jutland, Denmark.) Een eerste aanzet tot een hypothese over de genese van het gebied rond Viborg, Jutland, Denemarken. Berichten Fysisch Geografische Afdeling **(1976) no. 10. p. 17-26. Refs. 13. Dutch.**

M 176 Pons, L.J. (LHABK). Introduction to the approaches to land suitability in Europe. Land evaluation in Europe; Report on the Technical Consultation, Nitra, Czechslovakia, 1-6 September 1975; Soils Bulletin - FAO (1975)(29) p. 61-70. Refs. 19. English.

M 177 Riem Vis, F. (IB). (Potato waste water as a fertilizer for agricultural crops.) Aardappelvruchtwater als meststof voor landbouwgewassen. Bedrijfsontwikkeling (1976)7(6) p. 476-480. Refs. 8. **Dutch, with Dutch summary.**

M 178 Robertson, C.A.; Luning, H. & Beek, K.J. (IILC). Socio-economic analysis in land evaluation. Land evaluation in Europe; Report on the Technical Consultation, Nitra, Czechslovakia, 1-6 September 1975; Soils Bulletin - FAO (1975)(29) p. 40-43. English.

M 179 Salomons, N. (Partij van de Arbeid; kantoor gewest Amsterdam, Keizersgracht 648, Amsterdam). (Private property versus community property. Political controversaries - in the Netherlands - do not exclude compromise soil policy.) Particuliere eigendom versus gemeenschapseigendom. Politieke tegenstellingen sluiten compromis grondbeleid niet uit. Bouw (1976)(16) p. 271-[illegible]. **Dutch.**

M 180 Snijder, J. (Dienst van Openbare Werken, Groningen). (Soil subsidence by natural gas extraction in the province Groningen - Netherlands - and the adjoining part of Germany.) Oppervlaktedaling door aardgasonttrekking in de provincie Groningen. Gemeentewerken (1976)5(9) p. 213-220. Dutch.

M 181 Staalduinen, C.J. van. (RGD). (Geological survey maps of the Netherlands.) Geologische overzichtskaarten van Nederland. Aarde en Kosmos (1976)(3): 114-117. Refs. 3. Dutch.

M 182 Ven, G.A. (RIJ). (On the determination of the geohydrological soilparameters from two pumping experiments in the southern lobe of Zuidelijk Flevoland - Netherlands.) Over de bepaling van de geohydrologische bodemconstanten uit een tweetal pompproeven in de zuidlob van Zuidelijk Flevoland. Flevobericht nr. 106, Lelystad, 1975. pp. 24 + app. Refs. 8. Dutch.

M 183 Vervelde, G.J. (LHALPG). (Mineral balances and cycles in agricultural systems.) Mineralenbalansen en -kringlopen in landbouwsystemen. Tijdschrift Koninklijke Nederlandsche Heidemaatschappij (1976)87(9) p. 322-324. Dutch.

M 184 Vierveijzer, H.C. (IB). (Determination of total manganese in soil by means of atomic absorption spectrophotometry.) Bepaling van totaal-mangaan in grond met atoomabsorptiespectrofotometrie. Instituut voor Bodemvruchtbaarheid, Rapport 6, Haren, 1973. pp. 14. Refs. 7. Dutch, with English summary.

M 185 Visser, J. (ITC). Photogrammetry for cadastral surveys. ITC-Journal (1974)(5) p. 628-637. Refs. 7. English.

M 186 Vries, Th. de. (CBL). (Soil improvement by means of subsoiling.) Grondverbetering door middel van woelen. Landbouwmechanisatie (1975)26(8) p. 891-897. Dutch, with English summary.

M 187 Weele, A.J. van der. (ITC). Photogrammetry for cadastral surveys. ITC-Journal (1974)(5) p. 617-627. English.

M 188 Wevers, J. (RUU). Lithology and bedding structures of some lewisian rocks of South Harris, outer Hebrides, Scotland. Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Serie B (1976)79(3) p. 201-218. Refs. p. 207-208. English.

M 189 Woldendorp, J.W. (IOO). Nitrification and denitrification in the rhizosphere. Bulletin de la Société Botanique de France - La Rhizosphère (1975)122. p. 89-107. Refs. p. 105-107. English. French summary.

PLANT BREEDING, SEEDS, PROPAGATING MATERIAL

(Also Nos M 203, 204, 222, 233, 242, 250, 255, 294, 308, 322, 331, 332, 335, 346, 351, 354, 355, 370, 378, 381, 384, 396, 397, 400, 402, 403, 406, 407, 411, 412)

M 190 Parlevliet, J.E. (LHIVP). (New opinions on horizontal resistance.) Nieuwe inzichten met betrekking tot horizontale resistentie. Landbouwkundig Tijdschrift (1976)88(7) p. 243-248. Refs. 9. Dutch.

M 191 (Seed testing in 1974/75.) (RPZ). De zaadcontrole in 1974/75. Mededelingen van het Rijksproefstation voor Zaadcontrole Wageningen, no. 27, 1975. pp. 28. Refs. 6. Dutch, with English summary.

M 192 Zeven, A.C. (LHIVP). (Artificial and natural gene banks.) Kunstmatige en natuurlijke genen-banken. Landbouwkundig Tijdschrift (1976)88(4) p. 114-116. Refs. 15. Dutch.

LAND IMPROVEMENT, RECLAMATION, TILLAGE, DRAINAGE

(Also Nos M 7, 110, 154, 159, 173, 186, 234, 571, 579)

M 193 Amesz, N.A. (IWACO, Schiekade 189, Rotterdam). The effect of vertical sand drains on the hydraulic resistance of a semi-pervious layer. Journal of Hydrology (1976)31(3/4)p.323-333.Refs.7.English.

M 195 Glopper, R.J. de. (RIJ). (A view on new land. Possibilities of reclamation of the tidal area of the Central Plain in Thailand.) Kijk op nieuw land. Mogelijkheden tot inpoldering van getijdengebied van de "Central Plain" in Thailand. Land en water (1976)20(1) p. 18-25. Dutch.

M 196 (Grontmij, De Bilt. Annual Report 1975.) (GRONTMIJ). Grontmij, jaarverslag 1975. pp. 40. Dutch.

M 197 (Information on the land consolidation area Vijfherenlanden, province of South-Holland.) (Landbouwhogeschool, Wageningen. Studiegroep Vijfherenlanden). Informatie over de ruilverkaveling Vijfherenlanden. Landbouwhogeschool, Wageningen, 1975. pp. 23. Dutch.

M 198 Lent, W.J.J. van. (Land Improvement Service and Cadastre - in the Netherlands.) (Dienst van het Kadaster en de Openbare Registers, Apeldoorn). Cultuurtechnische Dienst en Kadaster. Cultuurtechnisch Tijdschrift (1975)15(2) p. 91-98. Dutch.

M 199 Meijer, H. (NEI). (The Oosterschelde-aspects of enclosure or heightening of dikes, costs, environmental and economic consequences.) De Oosterschelde. Economisch-Statistische Berichten (1976)61(3052) p. 454-459. Dutch.

M 200 Oosterbaan, G.A. (CD). (The - Dutch - Land Improvement Service and research.) De Cultuurtechnische Dienst en het onderzoek. Cultuurtechnisch Tijdschrift (1975)15(2) p. 109-119. Refs. 14. Dutch.

PLANT PATHOLOGY AND PROTECTION

(Also Nos M 27, 46, 49, 52, 57, 59, 66, 113, 115, 121, 147, [illegible], 190, 220, 221, 224, 235, 241, 244, 250, 251, 253, 256, [illegible], [illegible], 273, 274, 283, 284, 285, 286, 289, 290, 291, 293, 298, 302, [illegible], 324, 325, 329, 330, 332, 333, 336, 348, 351, 357, 359, 360, [illegible], 378, 390, 391, 392, 393, 394, 395, 442, 487, 498, 500)

M 201 Brader, L. (IPO). (The International Organization for Biological Control and the activity of their working groups for integrated control.) Die Internationale Organisation für Biologische Bekämpfung und die Tätigkeit ihrer Arbeitsgruppen für integrierte Bekämpfung. Aktuelle Probleme des Integrierten Pflanzenschutzes (1975)(1) p. 1-5. Refs. 2. German.

M 202 Canton, J.H. (RIV). The toxicity of benomyl thiophanate-methyl and BCM to four freshwater organisms. Bulletin of Environmental Contamination and Toxicology (1976)16(2) p. 214-218. Refs. 10. English.

M 203 Dieleman, J. (SVP). (A new method for seed treatment of small seed lots - for trial fields.) Een nieuwe methode om kleine partijtjes zaad te ontsmetten. Landbouwmechanisatie (1976)27(3) p. 217. Dutch, with English summary.

M 204 Eenink, A.H. (IVT). Genetics of host-parasite relationships and uniform and differential resistance. Netherlands Journal of Plant Pathology (1976)82(4) p. 133-145. Refs. 116. English, with English and Dutch summaries.

M 205 Heemert, C. van (ITAL) & Brink, W.J. van den. Location of an eye mutant in the onion fly Hylemya antiqua Meigen using a pericentric chromosome inversion. Experientia (1976)32(9) p. 1142-1144. Refs. 7. English.

M 206 (Institute of Phytopathological Research, Wageningen; annual report 1975.) (IPO). Instituut voor Plantenziektenkundig Onderzoek, Wageningen; jaarverslag 1975. IPO, Wageningen, 1976. pp. 122. Dutch.

M 207 Leistra, M. (LIO); Smelt, J.H. & Zandvoort, R. Persistence and mobility of bromacil in orchard soils. Weed Research (1975)15(4) p. 243-247. Refs. 10. English, with German and French summaries.

M 208 Leistra, M. (LIO). The use of computation models in studies of pesticide movement in soils. Proc. British Crop Protection Council, Droitwich. Symposium: Persistence of Insecticides and Herbicides (1976) Monograph No. 17. p. 169-179. Refs. 40. English.

M 209 Maas, W. (PDPB) & Popp, F. Granular formulations of Dichlobenil. Granular Pesticides. Proceedings of a symposium held in 14th-15th July, 1976. University of Nottingham. Monograph British Crop Protection Council no. 18. 1976. p. 53-58. Refs. 3. English.

M 210 Meijden, E. van der. (RUL). Changes in the distribution pattern of Tyria Jacobaeae during the larval period. Netherlands Journal of Zoology (1976)26(1) p. 136-161. Refs. p. 160-161. English.

M 211 Overmeer, W.P.J. (GUA). The use of chromosome mutation homozygote stocks for controlling glasshouse populations of the red spider mite, Tetranychus urticae Koch (Acarina, Terranychidae). Zeitschrift für Angewandte Entomologie (1976)80(2) p. 219-224. Refs. 16. English.

M 212 Proceedings of the IAEA & FAO symposium: "Sterility Principle for Insect Control". Innsbruck, July 22-26, 1974. Vienna, 1975.

Selected article:

M 213 Feldmann, A.M. (ITAL). Induction of structural chromosome mutations in males and females of Tetranychus urticae Koch (Acarina: Tetranychidae). p. 437-446. Refs. 27. English.

M 214 Selling, H.A. (TNO) & Tempel, A. Structure-activity relationships of fungicidal acetylenic sulphones. Pesticide Science (1976)7(1) p. 19-29. Refs. 28. English.

M 215 Verloop, A. (PDPB) & Tipker, J. Use of linear free energy related and other parameters in the study of fungicidal selectivity. Pesticide Science (1976)7(4) p. 379-390. Refs. 18. English.

M 216 Verweij, A. (Chemisch Laboratorium TNO, Rijswijk) & Boter, H.L. Degradation of S-2-di-isopropylaminoethyl O-ethyl methylphosphonothioate in soil: phosphorus-containing products. Pesticide Science (1976)7(4) p. 355-362. Refs. 12. English.

M 217 Wal, A.F. van der. (LHAFP). (An ecophysiological study of damage caused by pathogenic fungi.) Ecofysiologisch onderzoek naar schade veroorzaakt door pathogene schimmels. Gewasbescherming (1976)7(2) p. 21-29. Refs. 31. Dutch.

M 218 Zweep, W. van der. (IBS). (Organization of research on weeds.) Organisation der Unkrautforschung. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz (1975)82(5) p. 258-262. German, with English summary.

FIELD CROPS, GRASSLAND

(Also Nos M 135, 139, 545)

M 219 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Wageningen). (Mechanisation in sugarbeet growing in the Netherlands.) Mechanisatie van de suikerbietenteelt in Nederland. Landbouwmechanisatie (1976)27(9) p. 887-888. Dutch, with English and Dutch summaries.

M 220 Beek, D. van der (CPOL) Bruin, T. de & Stubbs, R.W. (Yellow rust in wheat and barley.) Gele roest in tarwe en gerst. Bedrijfsontwikkeling (1976)7(3) p. 201-204. Refs. 5. Dutch, with Dutch summary.

M 221 Boekel, P. (IB). (The research into causes and control-possibilities of potato scab, carried on in the period 1962-1972 in the framework of the activities of the - Dutch - "Potato-scab-commission".) Het onderzoek naar oorzaken en bestrijdingsmogelijkheden van aardappelschurft, verricht in de periode 1962-1972 in het kader van de activiteiten van de "aardappelschurftcommissie". Instituut voor Bodemvruchtbaarheid, Rapport 12, Haren, 1973. pp. 14. Refs. 60. Dutch.

M 222 Bor, N.A. (PA) & Toxopeus, H. (Introduction of new rapeseed varieties in foreign countries - mainly in relation of erucic acid contents.) Invoering van nieuwe koolzaadrassen in het buitenland. Bedrijfsontwikkeling (1976)7(4) p. 307-308. Dutch.

M 223 Bosma, A.H. (IMAG). (The filling of towersilo's with grass.) Het vullen van torensilo's met gras. Landbouwmechanisatie (1976)27(3) p. 223-226. Dutch, with English summary.

M 224 Boxsel, J.A.M. (RUL). High-affinity sites for coat protein on alfalfa mosaic virus RNA. Thesis Leiden, 1976. pp. 112. Refs. p. 106-110. English.

M 225 Bijsterveldt, Q.P.M. van. (IBVL). (Factors influencing the cost of artificial drying of greenfodder crops.) Faktoren die van invloed zijn op de kosten van het kunstmatig drogen van groenvoedergewassen. IBVL Publikatie no. 279, Wageningen, 1975. pp. 22. Ref. 1. Dutch, with English summary.

M 226 Cevaal, P.K. (PA). (Cropping program development in relation to income for the arable farm in the "Veenkolonien" - provinces Groningen and Drente.) Bouwplanontwikkeling in relatie tot het inkomen voor het veenkoloniale akkerbouwbedrijf. Bedrijfsontwikkeling (1976)7(6) p. 472-475. Dutch.

M 227 Cevaal, P.K. (PA). (Modern optimalization techniques for supporting of farm management on arable farms.) Moderne optimalisatietechnieken ter ondersteuning van het bedrijfsbeleid op akkerbouwbedrijven. Bedrijfsontwikkeling (1976)7(9) p. 683-686. Dutch.

M 228 Darwinkel, A. (PA). (Accumulation of nitrates in crops.) Ophoping van nitraatstikstof in gewassen. Bedrijfsontwikkeling (1976)7(6) p. 487-490. Dutch, with Dutch summary.

M 229 Edens, F.J. (IMAG). (Labour aspects of beet harvesting.) Arbeidskundige aspekten bij de bietenoogst. Bedrijfsontwikkeling (1976)7(7) p. 569-574. Dutch.

M 230 Edens, F.J. (IMAG). (Machine choice and the organization of sugar beet harvesting.) De werktuigkeuze en de organisatie bij de bietenoogst. IMAG-Publikaties no. 57, Wageningen, 1976. pp. 48. Dutch, with English and Dutch summaries. Price ƒ 7,50.

M 231 Elema, H.M. (Consulentschap in algemene dienst voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Mechanization of flax harvest.) Mechanisatie van de vlasoogst. Zaadbelangen (1975) 29(11) p. 351-352. Dutch.

M 232 Ernst, G.F. & Martens, L.J.H. (Keuringsdienst van Waren, Utrecht). (Ethirimol in cereals and cereal products.) Ethirimol in graan en meelprodukten. De Warenchemicus (1976)6(4) p. 137-143. Dutch.

M 233 Gastel, A.J.G. van (ITAL) & Nettancourt, D. de. The sensitivity of the pollen and stylar component of the self-incompatibility reaction to chronic gamma irradiation - in Nicotiana. Radiation Botany (1975)15(4) p. 445-447. Refs. 18. English.

M 234 Geneijgen, J. van. (PR). (Calculating the average yield increase of grassland after sprinkler irrigation.) Berekening van de gemiddelde opbrengstverhoging van grasland door beregening. Bedrijfsontwikkeling (1976)7(6) p. 431-436. Dutch, with Dutch summary.

M 235 Gerlsma, A. (Consulentschap voor Rundveehouderij en Akkerbouw in Noordwest Friesland, Tesselschadestraat 7, Leeuwarden.) (Harvesting damage to potatoes.) Rooibeschadiging van aardappelen. Landbouwmechanisatie (1976)27(7) p. [illegible]. Dutch, **with English and Dutch summaries.**

M 236 Hak, P.S. (IBVL). (Conservation of potatoes.) La conservation des pommes de terre. Publikatie IBVL no. 282, Wageningen, **1975. pp. 14. French.**

M 237 Harkes, P.A.A. (RUL). Organization and activity of the root [illegible] meritstem of Avena sativa L. The New Phytologist (1976)76(2) **p. 367-375. Refs. 17. English.**

M 238 Hoekstra, O. & Maenhout, C.A.A.A. (PA). (Results of the crop rotation experiment "De Schreef" over the period 1963 t/m 1974.) 12 Jaar "De Schreef". Resultaten van het vruchtwisselingsonderzoek op de bouwplannenproef "De Schreef", 1963 t/m 1974. Rapporten Proefstation voor de Akkerbouw no. 33, Lelystad, 1976. pp. 74. Refs. 5. Dutch, with English and Dutch summaries.

M 239 Hoogerkamp, M. (IBS). (Seeding and reseeding of grassland.) In- en herinzaai van grasland. Mededelingen van de N.A.K. **(1975)33(1) p. 7-8. Refs. 2. Dutch.**

M 240 Huisinga, B. (RUU). The export of auxin from tips and from sections of Avena coleoptiles as influenced by red light. Acta Botanica Neerlandica (1976)25(4) p. 313-320. Refs. 25. English, **with English summary.**

M 241 Jager, C.P. de. (LHAV). Genetic analysis of cowpea mosaic virus mutants by supplementation and reassortment tests. Virology (1976)70(1) p. 151-163. Refs. p. 162-163. English.

M 242 Jong, G. de. (RIJ). (Seed supply and choice of varieties in cereals.) Zaaizaadvoorziening en rassenkeuze bij granen. Zaadbelangen **(1975)29(11) p. 362-364. Dutch.**

M 243 Keulen, H. van (LHATP); Louwerse, W.; Sibma, L. & Alberda, Th. Crop simulation and experimental evaluation - a case study. Photosynthesis and Productivity in Different Environments (1975) **p. 623-643. Refs. p. 642-643. English.**

M 244 Klaren, C.H. (RUG). Physiological aspects of the hemiparasite Rhinanthus serotinus. Thesis Groningen, 1975. pp. 70. Refs. **p. 66-70. English.**

M 245 Klingeren, B. van (RIV) & Ham, M. ten. Antibacterial activity of Δ^9-tetrahydrocannabinol and cannabidiol. Antonie van Leeuwenhoek (1976)42(1-2) p. 9-12. Refs. 8. English.

M 246 Klooster, J.J. (IMAG). (A study of the effect of soil cultivation and sowing depth on the emergence of sugar beets.) Onderzoek naar de invloed van grondbewerking en zaaidiepte inzake de opkomst van suikerbieten. Landbouwkundig Tijdschrift (1976)88(7) **p. 230-233. Dutch, with Dutch summary.**

M 247 Klooster, J.J. (IMAG) & Sprong, M.C. (Seedbed preparation for second crops.) Grondbewerking bij volgteelten. Landbouwmechanisatie (1976)27(5) p. 455-457. Dutch, with English summary.

M 248 Kroeze, G.H. (IMAG). (Some labour aspects of the potato harvest.) Enkele arbeidskundige aspecten rond de aardappeloogst. Bedrijfsontwikkeling (1976)7(6) p. 481-486. Dutch, with Dutch summary.

M 249 Kuizenga, J. (PA). (More winter barley in the Netherlands?) Meer wintergerst in Nederland? Bedrijfsontwikkeling (1976)7(4) p. 301-303. Dutch.

M 250 Lackamp, J.W. & Groenewegen, L. (Kweekbedrijf Zelder BV, Ottersum (L.).) (A view on resistance breeding of cereals.) Een visie op de resistentieveredeling bij granen. Landbouwkundig Tijdschrift (1976)88(7) p. 249-252. Dutch.

M 251 Liefstingh, G. (PA) & Schaaf, A. van der. (Rotation narrowing gives danger for farm hygiene and chance for harvestdepressions.) Bouwplanvernauwing leidt tot gevaar voor bedrijfshygiëne en kans op oogstdepressies. Bedrijfsontwikkeling (1976)7(9) p. 680-682. Dutch.

M 252 Lint, M.M. de. (IMAG). (Labour organization and costs of the potato harvest.) Werkorganisatie en kosten van de aardappeloogst. Landbouwmechanisatie (1976)27(9) p. 853-854. Dutch, with English and Dutch summaries.

M 253 Loon, L.C. van. (LHAV). Polyacrylamide disc electrophoresis of the soluble leaf proteins from Nicotiana tabacum var. "Samsun" and "Samsun NN". IV. Similarity of qualitative changes of specific proteins infection with different viruses and their relationship to acquired resistance. Virology (1975)67(2) p. 566-575. Refs. p. 575. English.

M 254 Lubbers, J. (IB). (Mineral balance on three years of a grassland farm on sandy soil with dairy cattle and finishing hogs at Nijnsel - N. Brabant). Mineralenbalans over drie jaren van een graslandbedrijf op zandgrond met melkvee en mestvarkens te Nijnsel. Instituut voor Bodemvruchtbaarheid, Rapport 11, Haren, 1973. pp. 26. Refs. 6. Dutch.

M 255 Luten, W.; Roozeboom, L. (PR) & Klooster, J.J. (Reseeding of grassland. The effect of depth of sowing and pressing the soil on the development of English rye grass.) Herinzaai van grasland. De invloed van zaaidiepte en aandrukken op de ontwikkeling van Engels raaigras. Bedrijfsontwikkeling (1976)7(3) p. 175-178. Dutch, with Dutch summary.

M 256 Maenhout, C.A.A.A.; Hag, B.A. ten & Spek, J. van der. (PA). (Foot rot disease research in winter wheat, 1972-1974.) Het voetziekten-praktijkonderzoek. Resultaten van het onderzoek over het optreden van voetziekten in praktijkpercelen wintertarwe gedurende 1972-1974. Rapporten Proefstation voor de Akkerbouw no. 32, Lelystad, 1976. pp. 41. Refs. 13. Dutch, with Dutch summary.

M 257 Mies, J. & Peeters, A. (Consulentschap voor de Akkerbouw en de Rundveehouderij, Markt 20, Zevenbergen). (The forage bank at Oudenbosch - Netherlands.) De voerbank Oudenbosch. Landbouwmechanisatie (1976)27(10) p. 965-967. Dutch, with English and Dutch summaries.

M 258 Nelson, P.V. (LHAPO) & Kuiper, P.J.C. Properties of (sodium-potassium) - stimulated ATPases in English ryegrass roots and implications in ion transport. Physiologia Plantarum (1975)35(3) p. 263-268. Refs. 11. English.

M 259 Overvest, J. (PR). (A short wilting period - for less losses and quick regrowth.) Gemaaid gras moet snel van het land. Landbouwmechanisatie (1976)27(4) p. 305-307. Dutch, with English summary.

M 260 Parlevliet, J.F. (IVP) & Ommeren, A. van. Overwintering of Puccinia hordei in the Netherlands. Cereal Rusts Bulletin (1976) 4(1) p. 1-4. Refs. 5. English.

M 261 Peussens, J.B. (PAGV). (Pig slurry on sugar beets.) Varkensmengmest op suikerbieten. Bedrijfsontwikkeling (1976)7(7) p. 575-579. Dutch, with Dutch summary.

M 262 Pilnik, W. (LHALMT) & Vervelde, G.J. (LHALPG). Jerusalem artichoke (Helianthus tuberosus L.) as a source of fructose, a natural alternative sweetener. Zeitschrift für Acker- und Pflanzenbau (1976)142(2) p. 153-162. Refs. p. 161-162. English.

M 263 Plas, L.H.W. van der & Verleur, J.D. (VUA). CN-resistant respiration in potato (Solanum tuberosum L.) changes after storage of the tuber. Plant Science Letters (1976)7(2) p. 149-154. Refs. 7. English, with English summary.

M 264 Postma, G. (IMAG). (Comparing systems of harvesting, storage and feeding of roughage.) Vergelijking van oogst-, opslag- en voersystemen van ruwvoer. Bedrijfsontwikkeling (1976)7(6) p. 419-422. Dutch, with Dutch summary.

M 265 Riemens, A.J. (Consulentschap voor de Akkerbouw en de Rundveehouderij, Lange Nering 68-74, Emmeloord). (Refrigerated storage of potatoes and onions.) Mechanisatie koeling van aardappelen en uien. Landbouwmechanisatie (1975)26(8) p. 935-938. Dutch, with English summary.

M 266 Roessingh, H.K. (LHAAG). (The origin of potato growing and potato consumption in Gelderland - Netherlands.) Het begin van de aardappelteelt en de aardappelconsumptie in Gelderland. Gelders Oudheidkundig Contactbericht (1976)(68) p. 1-9. Refs. 11. Dutch.

M 267 Schuurman, J.J. (IB). (Survey of the results of the rooting research on grasses and on grassland at the Institute for Soil Fertility.) Overzicht van de resultaten van het bewortelingsonderzoek bij grassen en op grasland aan het Instituut voor Bodemvruchtbaarheid. Instituut voor Bodemvruchtbaarheid, Rapport 10, Haren, 1973. pp. 39. Refs. 25. Dutch.

M 268 Spek, J. van der (IPO); Maenhout, C.A.A.A. & Hag, B.A. ten. (Eyespot disease in winter wheat. Oogvlekkenziekte van wintertarwe. Bedrijfsontwikkeling (1976)7(6) p. 457-466. Dutch, with Dutch summary.

M 269 Stevens, A. (IMAG) & Meijer, E.N.C. (High yields from potatoes temporary covered with polythene film.) Hogere aardappelopbrengsten door tijdelijk afdekken met folie. Landbouwmechanisatie (1976)27(4) p. 293-295. Dutch, with English summary.

M 270 Stuut, H. (Consulentschap in Algemene Dienst voor Boerderijbouw en -inrichting, Mansholtlaan 12, Wageningen). (Pressure resistant wall constructions for potato stores.) Drukvaste isolerende wandconstructies voor aardappelbewaring. Landbouwmechanisatie (1975)26(11) p. 1277-1282. Dutch, with English summary.

M 271 Thomas, H. (PR). (Bottle-neck and possibilities on grassland and forage harvesting.) Knelpunten en mogelijkheden op het gebied van grasland en voederwinning. Bedrijfsontwikkeling (1975)6(3) p. 232-234. Dutch.

M 272 Vletyer, R. (NV Centrale Suiker Maatschappij, Amsterdam) & Gils, W. van. Influence of the mechanical handling of sugarbeets on sugar yield in the factory. Sugar Journal (1976)38(8) p. 8-13. Refs. 15. English.

M 273 Wal, A.F. van der (LHAFP) & Zadoks, J.C. Towards mass production of uredospores of brown rust on wheat (Puccinia recondita f.sp.tritici). Cereal Rusts Bulletin (1976)4(1) p. 9-13. Refs. 8. English.

M 274 Weststeijn, E.A. (PLWCS). Peroxidase activity in leaves of Nicotiana tabacum var. Xanthi nc. before and after infection with tobacco mosaic virus. Physiological Plant Pathology (1976)8(1) p. 63-71. Refs. 50. English.

M 275 Wieringa, L. (Consulentschap voor de Akkerbouw, Laan 22, Schagen) & Zuidewind, C. (Co-operation of contractors and growers in harvesting sugar beet. 2.). De samenwerking tussen loonwerker en telers bij de oogst van suikerbieten (II). Landbouwmechanisatie (1975)26(8) p. 883-886. Dutch, with English summary.

M 276 Witte, J.F. (Stork B.V. Amsterdam). Shaker-conditioner for oilseeds. Oleagineux (1976)31(4) p. 177-179. English, with French and Spanish summaries.

M 277 Wijk, A. van. (IMAG). (Mowing and field treatment of grass.) Maai- en veldbehandeling van gras. Bedrijfsontwikkeling (1976)7(4) p. 268-270. Dutch.

M 278 Wijk, A. van. (IMAG). (Shortening the field period by means of combined mowing, light crushing and spreading of grass.) Verkorting van de veldperiode door gecombineerd maaien, kneuzen en spreiden. Landbouwmechanisatie (1976)27(4) p. 311-315. Refs. 4. Dutch, with English summary.

M 279 Zachariasse, L.C. (LEI) (Post-service in culture technical accompagation of arable farms.) Nazorg in de teelttechnische begeleiding van akkerbouwbedrijven. Bedrijfsontwikkeling (1976)7(9) p. 665-666. Dutch.

FORESTRY

(Also Nos M 62, 69, 116, 125, 126, 320, 328, 400)

M 280 Baas, P. (RUL). (Comparative wood anatomy: an ancient specialization.) Vergelijkende houtanatomie: een oud modern specialisme. Vakblad voor Biologen (1976)56(6) p. 82-[illegible]. Refs. 13. Dutch.

M 281 Ballester, A. (TNO), Verwey, A. & Overeem, J.C. 2-Hydroxyphenyl acetic acid and 2,4-Dihydroxyphenyl Acetonitrile from Erica scoparia. Phytochemistry (1975)14(7) p. 1667-1668. Refs. 11. English.

M 282 Berg, G. van den & Klootwijk, T.R. (LHABT). (Terrain classification for forestry.) Terreinclassificatie voor de bosbouw. Nederlands Bosbouw Tijdschrift (1975)47(1) p. 21-26. Refs. 1[illegible]. Dutch.

M 283 Bijlsma, M.P. (SBB). (The future destination of storm areas. 3 The task of the landscape architect in reforestation.) De bestemming van stormvlakten. 3 De taak van de landschapsarchitect bij de herinrichting van de bossen. Nederlands Bosbouw Tijdschrift (1975)47(2) p. 78-80. Dutch.

M 284 Copijn, J. (Fa. Gebr. Copijn, boomchirurgen, Groenekanseweg [illegible], Groenekan). (Trees and their growth environment - incl. tree surgery.) Bomen en hun groeiomgeving. Gemeentewerken (1975)4(8) p. 174-177. Dutch.

M 285 Doom, D. (RBL). (On the biology, densities and natural enemies of the pine bark-bug, Aradus cinnamomeus, on heavily affected pine trees.) Über Biologie, Populationsdichte und Feinde der Kiefernrindenwanze, Aradus cinnamomeus, an stark geschädigten Kiefern. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz (1976)83(1/2/3) p. 45-52. Refs. 6. German, with English summary.

M 286 Doom, D. (RBL). (Infestations by insects and mites on trees and shrubs in 1975). Aantastingen door insekten en mijten op bomen en struiken in 1975. Nederlands Bosbouw Tijdschrift (1976)48(4) p. 107-113. Dutch, with English summary.

M 287 (Forest road network.) (Gespreksgroep Bosontsluiting, Wageningen). Bosontsluiting. Nederlands Bosbouw Tijdschrift (1975)47(1) p. 7-[illegible]. Dutch, with German and English summaries.

M 288 Fuchs, W.M. (Dienst Publieke Werken, Afdeling Beplantingen, Amsterdam). (Poplars in Amsterdam.) Populieren in Amsterdam. Populier (1976)13(1) p. 3-6. Dutch.

M 289 Gremmen, J. (RBL). (The significance of shoestring fungus - Armillaria mellea Wahl - in the dying of trees.) De werkelijke betekenis van de honingzwam bij het afsterven van bomen. Nederlands Bosbouw Tijdschrift (1976)48(4) p. 103-106. Refs. 1[illegible]. Dutch, with English summary.

M 290 Gremmen, J. (RBL). (Forest fires and damage by Rhizina undulata.) Bosbranden en het gevaar voor Rhizina undulata. Nederlands Bosbouw Tijdschrift (1976)48(9) p. 181-183. Dutch, with English summary.

M 291 Gremmen, J.; Heybroek, H.M. & Kam, M. de. (RBL). (An inventory of the agressive strain of Dutch elm disease in the Netherlands.) De verspreiding van de agressieve stam van de iepenziekteschimmel in Nederland. Groen (1976)32([illegible]) p. [illegible]. Refs. [illegible]. Dutch, with English and Dutch summaries.

List of codes

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ANWB	Royal Netherlands Tourist Federation - Wassenaarseweg 220, The Hague
BGD	Office of Joint Services - P.O.Box 33, Wageningen
BGG	Laboratory for Soil and Crop Testing - Mariëndaal, Oosterbeek
BLO	Aphid Research Laboratory - Edeseweg 139, Bennekom
CABO	Centre for Agrobiological Research - P.O.Box 14, Wageningen
CBL	State Advisory Service for Soil in Agriculture - Marijkeweg 11, Wageningen
CBS	Netherlands Central Bureau of Statistics - Prinses Beatrixlaan 428, Voorburg
CBSC	Central Bureau of Fungal Cultures - Oosterstraat 1, Baarn
CD	Land Improvement Service - Maliebaan 21, Utrecht
CDIL	Central Veterinary Institute - Houtribweg 39, Lelystad
CDIR	Central Veterinary Institute - P.O.Box 6007, Rotterdam
CELOS	Centre for Agricultural Research in Surinam - P.O.Box 1914, Paramaribo (Surinam)
CIVO	Central Inst. for Nutrition and Food Research, Utrechtseweg 48, Zeist
CPB	Central Planning Bureau - Van Stolkweg 14, The Hague
CPOL	State Advisory Service for Plant diseases and Weed control in agriculture - Geertjesweg 15, Wageningen
CPOT	State Advisory Service for Plant diseases and Weed control in horticulture - Geertjesweg 15, Wageningen
CRM	Ministry of Culture, Recreation and Social service - Steenvoordelaan 370, Rwk, The Hague
CV	State Advisory Service for Pig keeping, Willemsplantsoen 6, Utrecht
DAZ	Directorate General of Agriculture: Directorate of General Affairs - Bezuidenhoutseweg 73, The Hague
DB	Directorate General of Agriculture: Directorate of Farm Improvement - Bezuidenhoutseweg 73, The Hague
DF	Directorate General of Agriculture: Directorate of Fauna Management - Bezuidenhoutseweg 73, The Hague
DL	Ministry of Agriculture and Fisheries: Directorate of Agricultural Education - Bezuidenhoutseweg 73, The Hague
DLB	Surinam Forest Service - Postbus 436, Paramaribo (Surinam)
DLIV	Directorate General for Rural Planning and Fisheries - Bezuidenhoutseweg 73, The Hague
DLO	Directorate General of Agriculture: Directorate of Agricultural Research - Bezuidenhoutseweg 73, The Hague
DM	Directorate of Marketing Regulations - Bezuidenhoutseweg 73, The Hague

LHAH	Agricultural University: Department of Home Economics - P.O.Box 61, Wageningen
LHAHGL	Agricultural University: Department of Silviculture in the Temperate Zone - Gen. Foulkesweg 64, Wageningen
LHAHL	Agricultural University: Department of Hydraulics - Nieuwe Kanaal 11, Wageningen
LHAIB	Agricultural University: Department of Business Administration - Gen. Foulkesweg 55, Wageningen
LHAL	Agricultural University: Department of Air Pollution - Binnenhaven 12, Wageningen
LHALA	Agricultural University: Department of Landscape Architecture - Wilhelminaweg 1, Wageningen
LHALPG	Agricultural University: Department of Field Crops and Grassland Husbandry - Haarweg 33, Wageningen
LHALBS	Agricultural University: Department of Soils and Fertilizers - De Dreijen 3, Wageningen
LHALHT	Agricultural University: Department of Development Economics - Hollandseweg 1, Wageningen
LHALM	Agricultural University: Department of Surveying - Hesselink van Suchtelenweg 6, Wageningen
LHALMT	Agricultural University: Department of Food Science - De De Dreijen 12, Wageningen
LHALT	Agricultural University: Department of Agricultural Engineering - Mansholtlaan 12, Wageningen
LHAM	Agricultural University: Department of Microbiology - Hesselink van Suchtelenweg 4, Wageningen
LHAMB	Agricultural University: Department of Molecular Biology - De Dreijen 11, Wageningen
LHAMM	Agricultural University: Department of Marketing and Marketing Research - Hollandseweg 1, Wageningen
LHAN	Agricultural University: Department of Nematology - Binnenhaven 10, Wageningen
LHANB	Agricultural University: Nature Conservation Department - Marijkeweg 15, Wageningen
LHANW	Agricultural University: Department of Physics and Meteorology - Duivendaal 2, Wageningen
LHAOC	Agricultural University: Department of Organic Chemistry - De Dreijen 5, Wageningen
LHAPK	Agricultural University: Department of Botany - Arboretumlaan 4, Wageningen
LHAPN	Agricultural University: Department of Town and Country Planning - Wilhelminaweg 1, Wageningen
LHAPO	Agricultural University: Department of Plant Physiological Research - Gen. Foulkesweg 72 & Arboretumlaan 4, Wageningen
LHAPS	Agricultural University: Department of Plant Taxonomy and Plant Geography - Gen. Foulkesweg 37, Wageningen
LHAPV	Agricultural University: Department of Poultry Husbandry - Middelbuurtseweg 9, Rhenen (post Veenendaal)

LHARSN	Agricultural University: Department of Jurisprudence and Political Science of the non-Western Countries, including Agricultural Cooperative and Credit System - Hollandseweg 1, Wageningen
LHARSW	Agricultural University: Department of Jurisprudence and Political Science of the Western Countries - Hollandseweg 1, Wageningen
LHAS	Agricultural University: Department of Rural Sociology and Sociography - Hollandseweg 1, Wageningen
LHASH	Agricultural University: Department of Economics - Hollandseweg 1, Wageningen
LHASN	Agricultural University: Department of Rural Sociology and Sociography of the Tropics and Subtropics - Hollandseweg 1, Wageningen
LHAT	Agricultural University: Department of Toxicology - De Dreijen 12, Wageningen
LHATP	Agricultural University: Department of Tropical Crop Husbandry - Prof. Ritzema Bosweg 32, Wageningen
LHATPT	Agricultural University: Department of Horticulture - Haagsteeg 3, Wageningen
LHATT	Agricultural University: Department of Theoretical Production Ecology - De Dreijen 3, Wageningen
LHAV	Agricultural University: Department of Virology - Binnenhaven 11, Wageningen
LHAVL	Agricultural University: Department of Extension Education - Heerenstraat 25, Wageningen
LHAVO	Agricultural University: Department of Food and Nutrition - Ritzema Bosweg 32a, Wageningen
LHAVP	Agricultural University: Department of Plant Ecology - De Dreijen 11, Wageningen
LHAVT	Agricultural University: Department of Animal Husbandry - Duivendaal 5, Wageningen
LHAVV	Agricultural University: Department of Animal Feeding - Haagsteeg 4, Wageningen
LHAWK	Agricultural University: Department of Mathematics - De Dreijen 8, Wageningen
LHAWW	Agricultural University: Department of Irrigation and Civil Engineering - Nieuwe Kanaal 11, Wageningen
LHAWZ	Agricultural University: Department of Water Purification - De Dreijen 12, P.O.Box 62, Wageningen
LHAZM	Agricultural University: Department of Dairying - De Dreijen 12, Wageningen
LHB	Agricultural University: Board of Governors of the Agricultural University - Salverdaplein 10, Wageningen
LHBSW	Agricultural University: Biological Station - Kampsweg 27, Wijster
LHIVP	Agricultural University: Department of Plant Breeding - Lawickse Allee 166, Wageningen
LIO	Laboratory for Insecticides Research - Marijkeweg 22, Wageningen

LPS	Agricultural Experiment Station in Surinam - Paramaribo (Surinam)
MLV	Ministry of Agricultural and Fisheries - Bezuidenhoutseweg 73, The Hague
MLVV	Ministry of Agriculture, Animal Husbandry and Fisheries - Paramaribo (Surinam)
MOC	Research Centre for Milk Hygiene - Duivendaal 6, Wageningen
MVM	Ministry of Public Health & Environment Hygiene - Dr. Reijerstraat 8-12, Leidschendam
NAK	Netherlands General Inspection Service for Agricultural Seeds and Seed Potatoes - P.O. Box 5, Wageningen
NAKB	Netherlands General Inspection Service for Nursery Trees - Groot Hertoginnelaan 192, The Hague
NAKG	Netherlands General Inspection Service for Vegetable and Flower Seeds - Laan Copes van Cattenburch 56, The Hague
NAKS	Netherlands General Inspection Service for Ornamentals - Groot Hertoginnelaan 192, The Hague
NEI	Netherlands Economic Institute, Burgemeester Oudlaan 50, Rotterdam
NIBEM	National Institute for Malting barley, Malt and Beer - Utrechtseweg 46, Zeist
NIOZ	Netherlands Institute for Sea Research - 't Horntje, P.O. Box 59, den Hoorn, Texel
NIWARS	Netherlands Interdepartmental workinggroup for the application of remote sensing techniques - Kanaalweg 3, Delft
NIZO	Netherlands Institute for Dairying Research - P.O. Box 20, Ede
NKF	Netherlands Fertilizer Federation - Hogeweg 16, The Hague
OVB	Organization for the Improvement of Inland Fisheries - Stadhouderslaan 53, Utrecht
PAGV	Research Station for Arable Farming and for Vegetable Growing in the Open - Edelhertweg 1, Lelystad
PBN	Research Station for Floriculture in the Netherlands - Linnaeuslaan 2A, Aalsmeer
PBO	Research Station for Arboriculture - Valkenburgerlaan 3, Boskoop
PC	Research Station for Mushroom Growing - Peelheideweg - Horst-America (L.), Postbus 6042, Horst (L.)
PD	Plant Protection Service - Geertjesweg 15, Wageningen
PDPB	Philip-Duphar, Boekesteyn Experimental Garden - Zuidereinde 419, 's-Graveland
PDW	Philips-Duphar, C.J. van Houtenlaan 36, Weesp
PF	Research Station for Fruit Growing - Wilhelminadorp (post Goes)
PFL	Flevoland Experimental Farm of the Landbouwhogeschool - P.O. Box 26, Dronten
PGF	Glasshouse Crops Research and Experiment Station - Zuidweg 38, Naaldwijk
PLUVA	Foundation for Research of Poultry and Pigs, Utrechtseweg 371, Amersfoort
PLWCS	W. Commelin-Scholten Phytopathological Lab. - Javalaan 20, Baarn

PR	Research Station foor Cattle Husbandry - Runderweg 6, Lelystad
PUDOC	Centre for Agricultural Publishing and Documentation - P.O.Box 4, Wageningen
PVS	Commodity Board for Ornamental Crops - P.O.Box 361, The Hague
PZ	Commodity Board for Dairying - Winston Churchilllaan 275, Rijswijk (Z.H.)
RAAD	State Service for Dairy and Agricultural Effluent - Kemperbergerweg 11, Arnhem
RBL	Government Research Institute for Forestry and Landscape building "De Dorschkamp" - P.O.Box 23, Wageningen
RGD	Rijks Geologische Dienst, Postbus 157, Haarlem
RIDV	State Institute for the supply of drinking water, Parkweg 13, The Hague
RIN	Research Inst. for Nature Management - Kemperbergerweg 11, Arnhem
RIV	State Institute of Public Health - Postbus 1, Bilthoven
RIVO	National Fisheries Research Institute - Haringkade 1, IJmuiden
RIVRO	State Institute for Research on Varieties of Cultivated Plants - P.O.Box 32, Wageningen
RIZA	State Institute for Purification of Effluent - Westeinde 3a, Voorburg
RLD	Directorate General of Agriculture: State Agricultural Advisory Service - Bezuidenhoutseweg 73, The Hague
RPD	National Service of Town and Country Planning - Lange Voorhout 19, The Hague
RPZ	Government Seed Testing Station - Binnenhaven 1, Wageningen
RUG	State University - Groningen
RUL	State University - Leiden
RUU	State University - Utrecht
RUUFD	State University, Utrecht: Faculty of Veterinary Medecine - Biltstraat 172, Utrecht
RW	State Public Works - Van Hogenhoucklaan 60, The Hague
RIJ	IJsselmeer Polders Development and Settlement Authority - Zuiderwagenplein 2, Lelystad
RZ	State Dairy Station - Veerwijkstraat 12b, Leiden
SBB	Directorate General of Agriculture: State Forest Management - Museumlaan 2, Utrecht
SBO	Foundation for Blood Group Studies in Animals - Lawickse Allee 13, Wageningen
SDO	Veterinary Research Trust - Postbus 65, Lelystad
SGP	Poultry Health Service - Oude Rijksstraatweg 43, Doorn
SI	Sprenger Research Institute for Storage and Processing of Horticultural Produce - P.O.Box 17, Wageningen
SMLS	Foundation for Development of Mechanized Agriculture in Surinam
SNUIF	Netherlands Onion Federation Trust - P.O.Box 68, Middelharnis
SNVV	Foundation for Growing and Processing of Flax in the Netherlands - P.O.Box 26, Wageningen

STIBOKA	Netherlands Soil Survey - P.O.Box 98, Wageningen
SVP	Foundation for Agricultural Plant Breeding - P.O.Box 117, Wageningen
SVA	Foundation for Removing Refuse matter, Utrechtseweg 223, Amersfoort
TFDL	Technical and Physical Engineering Research Service - Mansholtlaan 12, Wageningen
THD	Technological University - Delft
THE	Technological University - Eindhoven
THT	Technological University - Enschede
TNO	Central organization for Research in the Applied Sciences - P.O.Box 297, The Hague
URL	Unilever Research Laboratories - P.O.Box 114, Vlaardingen
VAM	Garbage-Disposal Company - J. Obrechtstraat 67, Amsterdam
VBNN	Society for Nature Conservation in the Netherlands - Herengracht 540, Amsterdam
VD	Directorate General of Agriculture: Veterinary Service - Koningin Julianaplein 3, The Hague
VUA	Free University - Amsterdam
VV	Education Bureau for Food and Nutrition - Laan Copes van Cattenburch 44, The Hague
ZWO	Netherlands Organization for the Advancement of Pure Research - J. van Stolberglaan 148, The Hague

M 292 Groenhuis, B. (LHAHGL). (The change from mixed stands of sitka spruce, oak and ash into deciduous forest in the Kuinderbos, NOP - Netherlands.) De omzetting van gemengde opstanden van sitkaspar, eik en es naar loofbos in het Kuinderbos (NOP). Landbouwhogeschool, Wageningen, 1976. pp. 69. Refs. 6. Dutch, with Dutch summary.

M 293 Herwerden, P.J. van. (VBNN). (The future destination of storm areas. 1: Observation from the viewpoint of nature conservation.) De bestemming van stormvlakten, 1: Benadering vanuit het natuurbehoud. Nederlands Bosbouw Tijdschrift (1975)47(2) p. 58-71. Dutch.

M 294 Heybroek, H.M. (RBL). (Three new clones of Ulmus.) Drie nieuwe iepeklonen. Groen (1976)32(9) p. 282-285. Refs. 8. Dutch, with English and Dutch summaries.

M 295 Hol, H. & Jager, K. (RBL). (Afforestation of former arable land with Scots pine and Corsican pine.) Het gebruik van verschillende plantsoentypen bij bosaanleg met groveden en Corsicaanse den. Nederlands Bosbouw Tijdschrift (1976)48(9) p. 169-177. Refs. 8. Dutch, with English and Dutch summaries.

M 296 Jagt, J.L. van der. (SBB). (State Forest "Amerongse Berg" - province Utrecht, Netherlands.) Boswachterij "Amerongse Berg". Nederlands Bosbouw Tijdschrift (1976)48(11) p. 218-244. Dutch.

M 297 Jong, P.C. de (LHAPS). Flowering and sex expression in Acer L. A biosystematic study. Doctoral thesis, Wageningen, 1976. pp. 201. Refs. 229. English, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool no. 76-2.

M 298 Kam, M. de. (RBL). Ascospore discharge in Drepanopeziza punctiformis in relation to infection of some poplar clones. European Journal of Forest Pathology (1975)5(5) p. 304-309. Refs.5. English, with French and German summaries.

M 299 Kate-Hazevoet, A.M. ten (RBL) & Szabo, P. (Forest establishing in urban areas.) Bosaanleg in stedelijke gebieden (II). Groen (1976)32(9) p. 269-274. Refs. 12. Dutch.

M 300 Kofman, P. (RBL). (Notes on site preparation for reforestation after forest fires.) Notities over terreinvoorbereiding voor herbebossing na bosbrand. Nederlands Bosbouw Tijdschrift (1976)48(9) p. 178-180. Dutch.

M 301 Linskens, H.F. (KUN) et al. The acoustic climate of plant communities. Oecologia (1976)23(3) p. 165-177. Refs. 18. English.

M 302 Luitjes, J. (RBL). (Development of insects in timber, damaged by the gales of 1972 and 1973 in the Netherlands.) Die Entwicklung von Insekten im Sturmholz von 1972/73 in den Niederlanden. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz (1976)83(1/2/3) p. 87-95. German, with English summary.

M 303 Meeuse, A.D.J. (GUA). Taxonomic relationships of Salicaceae and Flacourtiaceae: their bearing on interpretative floral morphology and dilleniid phylogeny. Acta Botanica Neerlandica (1975)24(5-6) p. 347-457. Refs. p. 455-457. English.

M 304 Poel, P.W. van der. (GUA). Influence of environmental factors on the growth of the beech. Catena (1976)3(2) p. 205-214. Refs. 7. English, with German summary.

M 305 Scheffer, J.J.C. (RUL). (Aspects of the essential oil research - gaschromatic separation and identification, with example oil of Abies alba and Juniperus sinensis.) Aspecten van het etherische olie-onderzoek. Pharmaceutisch Weekblad (1976)111(38) p. 913-916. Refs. 6. Dutch.

M 306 Schotveld, A. (SBB); (RIJ). (Poplar and willow in urban areas - Nijmegen.) Populier en wilg in stedelijke gebieden - Nijmegen. Populier (1976)13(2) p. 22-26. Dutch.

M 307 Spaarkogel, G.N.; Taffijn, W.F. & Tromp, P.H.M. (SBB). (Pruning deciduous trees.) Het snoeien van loofbomen. Stichting Bosbouw Praktijk Onderwijs. Arnhem, 1976. pp. 67. Dutch.

M 308 Squillace, A.E. (RBL); La Bastide, J.G.A. & Vredenburch, C.L.H. Genetic variation and breeding of Scots pine in the Netherlands. Forest Science (1975)21(4) p. 341-352. Refs. 17. English.

M 309 Treep, L. (LHABT). (The choice of tree species in Algeria. A study of arboretums for forestry research in Algeria.) Le choix des espèces forestières en Algérie. Une étude des arboretums du Centre National de Recherche et d'Experimentation Forestière par rapport à la situation forestière en Algérie. Landbouwhogeschool, Wageningen, 1976. pp. 202. Refs. 43. French, with Arabic, German, English, French and Dutch summaries.

M 310 Wellensiek, S.J. (Vereniging "Vrienden van de Hoge Veluwe", Prins Bernhardlaan 10, Oosterbeek). (A beech with very early bud-opening on "De Hoge Veluwe" - a nature reserve.) Een zeer vroeg ontluikende beuk op de "Hoge Veluwe". De Schouw (1975)(1) p. 20-22. Refs. 2. Dutch.

HORTICULTURE

(General horticulture, fruits, vegetables, ornamentals)

General horticulture

(Also Nos M 12, 328, 332, 334, 335, 412)

M 311 (Agricultural University: Department of Horticulture, Wageningen; annual report 1975-1976.) (LHATPT). Landbouwhogeschool vakgroep Tuinbouwplantenteelt; jaarverslag 1975-1976. Landbouwhogeschool. Gestencilde Verslagen Lab. voor Tuinbouwplantenteelt no. 150. Wageningen, 1976. pp. 61. Dutch.

M 312 Brouwer, W.M.T.J. de. (PGF). (Observations of aphids in the glasshouse area of Zuidholland - Netherlands.) Bladluiswaarnemingen in het Zuidhollandse Glasdistrict. Gewasbescherming (1976)7(2) p. 31-39. Refs. 14. Dutch, with Dutch summary.

M 313 Does, J. van der (Ned. Gasunie; afd. Tuinbouw, Postbus 19, Groningen) & Bakker, D. (Energy sparing by total energy - in horticulture.) Energiebesparing door total-energy. Gas (1976)96(9) p. 276-281. Dutch.

M 314 (Institute of Agricultural Engineering, Wageningen. Annual report 1975 - Department of Horticulture and Recreation.) (IMAG). Instituut voor Mechanisatie, Arbeid en Gebouwen, Wageningen. Jaarverslag 1975. Takingang Tuinbouw en Recreatie. IMAG, Wageningen, IMAG-publikatie no. 50. Wageningen, 1976. pp. 63. Dutch. Price ƒ 7,50.

M 315 International Society for Horticultural Science, The Hague. Commission for Horticultural Economics. Fourth Symposium on Horticultural Economics, Veitshoechheim (Germany, F.R.), 15-19 Sept. 1975. Proceedings of the international symposium ISHS, The Hague, 1976. pp. 359. English. Also: Acta Horticulturae (1976) no. 55.

Selected papers:

M 316 Kemmers, W.H. (Centraal Bureau Tuinbouwveilingen, Den Haag). Prices and economic policy in Western-European horticulture. English. Acta Horticulturae (1976)(55) p. 33-39.

M 317 Meijaard, D. (LEI). The effect of energy prices in horticulture. English. Acta Horticulturae (1976)(55) p. 61-72.

M 318 Boers, A. (LEI). The financing of new holdings in glasshouse production. English. Acta Horticulturae (1976)(55) p. 231-239.

M 319 Kortekaas, B.M.M. (LEI). Analysis of the market of Dutch tulip bulbs. English. Acta Horticulturae (1976)(55) p. 315-323.

M 320 International Society for Horticultural Science, The Hague. Symposium on juvenility in woody perennials. College Park, Maryland (USA); Berlin (Germany, F.R.) 28 Sep - 1 Oct 1975; 3 - 6 Nov 1975. Proceedings of the international symposium ISHS, The Hague, 1976. pp. 317. English. Also: Acta Horticulturae (1976) no. 56.

Selected paper:

M 321 Fortanier, E.J. (LHATPT) & Jonkers, H. Juvenility and maturity of plants as influenced by their ontogenetical and physiological ageing. Refs. 18. English. Acta Horticulturae (1976)(56) p. 37-44.

(See also M 328, 334, 335, 412)

M 322 Sant, G.F. van 't, (IMAG). (Better emergence conditions for horticultural crops.) Betere kiemomstandigheden voor tuinbouwgewassen. Landbouwmechanisatie (1976)27(4) p. 299-300. Dutch, with English summary.

Fruits

(Also Nos 207, 312, 344, 367, 528)

M 323 Boon, J. van der. (IB). (The relation between leaf composition and soil analysis-figures with the apple. Preliminary research on practice farms in relation to the chance for the occurrence of bitter pit.) Het verband tussen bladsamenstelling en grondanalyse-cijfers bij de appel. Oriënterend onderzoek op praktijkbedrijven in verband met de kans op het optreden van stip. Instituut voor Bodemvruchtbaarheid, Rapport 15, Haren, 1973. pp. 40. Refs. 15. Dutch.

M 324 Borsboom, O. (LHATPT). (Effect of summer cutting on bitter pit in Cox'sOrange Pippin.) Effect van zomersnoei op stip bij Cox's Orange Pippin. De Fruitteelt (1976)66(28) p. 784-785. Refs. 6. Dutch.

M 325 Delver, P. (IB). (The consequences of the chemical weed control in orchards treated with the system of turf bands.) Les conséquences du désherbage chimique dans les vergers traites selon le système des bandes engazonnees. Le Fruit Belge (1975)43(369) p. 50-58. French.

M 326 Feldner, K. & Allan, J.A. (ITC). The application of airphoto interpretation of the identification of areas planted to vines in different seasons. ITC Journal (1976)(1) p. 98-110. Ref. 1. English, with French and Spanish summaries.

M 327 Goedegebure, J. (LEI). (Some farm managerial aspects of intensive - fruit - plantings.) Enkele bedrijfseconomische aspecten van intensieve beplantingen. De Fruitteelt (1976)66(13) p. 321-323. Dutch.

M 328 Heybroek, H.M. (SBD) & Visser, T. Juvenility in fruit growing and forestry. Refs. 38. English. Acta Horticulturae (1976)(56) p. 71-84. (See also M 320).

M 329 Jong, J. de (PF) & Frankenhuyzen, A. van. (Leafrollers (Tortricidae) an interesting group of microlepidoptera. 7. The former fruitmoth Pammene rhediella (Cl.) and Pammene argyrans (Hb).) Bladrollers (Tortriciden), een interessante groep microlepidoptera (7). De vroegere fruitmotten Pammene rhediella (Cl.) en Pammene argyrana (Hb.). De Levende Natuur (1976)79(3) p. 67-70. Refs. 8. Dutch.

M 330 Nijveldt, W. (IPO) & Talhour, A.S. Contributions to the knowledge of almond pests in East Mediterranean countries. IV. Notes on morphology, biology and importance of Odinadiplosis amygdali (Anag.) (Dipt., Cecidomyidae). Zeitschrift für Angewandte Entomologie (1976)80(3) p. 325-334. Refs. 11. English.

M 331 Oosten, H.J. van (PF) & Baarends, J.L. (Growth and production of two pear varieties on three quince varieties.) Groei en produktie van 2 pererassen op 3 kweektypen. De Fruitteelt (1975)65(39) p. 1056-1058. Refs. 3. Dutch.

M 332 Ponti, O.M.B. de. (IVT). (Resistance to insects and mites, an important part of integrated plant protection.) Resistentie tegen insekten en mijten, een wezenlijk onderdeel van geïntegreerde gewasbescherming. Landbouwkundig Tijdschrift (1976)88(4) p. 106-109. Refs. 10. Dutch.

M 333 Scheer, H.A.Th. van der (PF) & Rijnders, E. (Experience with fungicides in experiments to control Nectria galligena.) Ervaringen met fungiciden in proeven ter bestrijding van vruchtboomkanker Nectria galligena. De Fruitteelt (1975)65(39) p. 1054-1055. Refs. 3. Dutch.

M 334 Visser, T. (IVT), Verhaegh, J.J. & Vries, D.P. de. A comparison of apple and pear seedlings with reference to the juvenile period. I. Seedling and yield. Refs. 7. English. Acta Horticulturae (1976)(56) p. 205-214. (See also M 320).

M 335 Visser, T. (IVT). A comparison of apple and pear seedlings with reference to the juvenile period. II. Mode of inheritance. Refs. 8. English. Acta Horticulturae (1976)(56) p. 215-218. (See also M 320).

M 336 Vlug, H.J. (IPO). Synopeas talhouki n.sp. (Hym. Platigastridae), a parasite of Odinadiplosis amygdali (Anagnostopoulos) (Dipt. Cecidomyidae), with notes on its distribution and biology. Zeitschrift für Angewandte Entomologie (1976)80(3) p. 262-266. Refs. 8. English.

M 337 Vrie, C. v.d. (Consulentschap voor de Tuinbouw, Westsingel 58, Goes) & Meijer, R.J.M. (IMAG). (Pneumatic cutting - fruit growing. 2. The compressor as basis.) Pneumatisch snoeien (2). De compressor als basis. Dutch. De Fruitteelt (1976)66(28) p. 786-788.

M 338 Werken, J. v.d. (IMAG). (Design of an automatic harvester for quality apples.) Op weg naar de volautomatische appeloogstmachine voor tafelfruit. Landbouwmechanisatie (1975)26(8) p. 923-926. Dutch, with English summary.

M 339 Wertheim, S.J. (PF); Joosse, M.L. & Nijsse, F. (Results with 2,4,5-TP spraying on pear - for improvement of fruitbearing.) Resultaten met 2,4,5-TP-bespuitingen op peer. De Fruitteelt (1975)65(45) p. 1182-1184. Refs. 4. Dutch.

M 340 Wertheim, S.J. (PF) & Tromp, J. (Results of the third - Dutch - national storage experiment with Golden Delicious in 1974-'75.) Resultaten van de derde landelijke bewaarproef met Golden Delicious in 1974-'75. De Fruitteelt (1975)65(46) p. 1198-1202. Refs. 3. Dutch.

M 341 Wertheim, S.J. (PF). (Maintenance of - fruit - planting.) Hoe houden we de beplanting op peil? De Fruitteelt (1976)66(13) p. 316-320. Dutch.

M 342 Westeringh, W. van de. (LHABK). (Tall orchards in South Limburg - Netherlands - historical, soil and landscape aspects.) Hoogstamboomgaarden in Zuid-Limburg, historie, ligging, bodemgesteldheid en landschappelijke waarde. De Fruitteelt (1975)65(33) p. 928-931. Refs. 10. Dutch.

M 343 Westerlaken, J. (CBT); Loeters, J. & Notenboom, L. (Planting hole treatment with potting substrate - in fruit growing.). Plantgatbehandeling met potgrond. De Fruitteelt (1976)66(48) p. 1258-1259. Dutch.

Vegetables

(Also Nos M 37, 265, 312)

M 344 Arcken, D.J.A.M. van. (Produktschap voor Groenten en Fruit, Bezuidenhoutseweg 153, Den Haag). Policy for horticulture. Acta Horticulturae (1974)(40-1) p. 51-57. English.

M 345 Bel, A.J.E. van (RUU) & Reinhold, L. Is the stimulation of sugar transfer by exogenous ATP a pH effect? - in tomato. Zeitschrift für Pflanzenphysiologie (1975)75(3) p. 224-228. Refs. 17. English.

M 346 Blaauw-Jansen, G. & Blaauw, O.H. (RUU). Further evidence for the existence of two phytochrome systems from two distinct effects of far-red light on lettuce seed germination. Acta Botanica Neerlandica (1976)25(3) p. 221-226. Refs. 12. English, with English summary.

M 347 Chabra, R.; Ringoet, A. (EURATOM-ITAL) & Lamberts, D. Kinetics and interaction of chloride and phosphate absorption by intact tomato plants (Lycopersicon esculentum Mill.) from dilute nutrient solution. Zeitschrift für Pflanzenphysiologie (1976)78(3) p. 253-261. Refs. 20. English.

M 348 Dieleman-van Zaaven, A. (PC). (Diseases and pests of mushrooms. 2. Bacterial disease. 1. literature and research.) Ziekten en plagen van champignons, 2. Bacterieziekten. 1. literatuur en onderzoek. Bedrijfsontwikkeling (1976)7(3) p. 213-216. Refs. 13. Dutch.

M 349 Dijkstra, F.Y. (THD) & Wikén, T.O. Studies on mushroom flavours I en II. Zeitschrift für Lebensmittel-Untersuchung und -Forschung (1976)160(3) p. 255-269. Refs. 34. English.

M 350 Dijkstra, F.Y. (THD). Studies on mushroom flavours. 3. Some flavour compounds in fresh, canned and dried edible mushrooms. Zeitschrift für Lebensmitteluntersuchung und -Forschung (1976) 16(4) p. 401-405. Refs. 8. English.

M 351 Eenink, A.H. (IVT); Groenwold, R. & Raalten, W.J. van. (Resistance in spinach (Spinacia oleraceea L.) against false mildew (Peronospora spinaciae Laub.).) Resistentie in spinazie (Spinacia oleracea L.) tegen valse meeldauw (Peronospora spinaciae Laub.) Zaadbelangen (1976)30(4) p. 101-103. Refs. 3. Dutch.

M 352 Egeraat, A.W.S.M. van (LHAM). Response of Rhizobium spp. and pea seedlings to glycine. Plant and Soil (1976)45(1) p. 191-199. English, with English summary.

M 353 Frings, J.F.J. (Stichting Gelderse Leergangen, Nijmegen). The Rhizobium-pea symbiosis as affected by high temperatures. Doctoral thesis, Wageningen, 1976. pp. 77. Refs. 79. English, with English and Dutch summaries. Also published as Mededelingen Landbouwhogeschool Wageningen no. 76-7.

M 354 Fritsche, G. (PC). (What potentialities does the four-spored mushroom "Agaricus bitorquis(Quél.) Sacc." offer to the breeder?) Welche Möglichkeiten eröffnet der viersporige Champignon "Agaricus bitorquis (Quél) Sacc." dem Züchter? Theoretical and Applied Genetics (1976)47(3) p. 125-131. Refs. 21. German.

M 355 Fritsche, G. (PC) & Pompen, Th.G.M. (Some data on Horst K26 and Horst K32, two new, in the Research Station for Mushroom culture in Horst (Netherlands) developed, strains of Agaricus bitorquis.) Einige Angaben über Horst K26 und Horst K32, zwei neue in der Versuchsstation für die Champignonkultur in Horst Niederlande entwickelte Stämme von Agaricus bitorquis. Der Champignon (1976)16(179) p. 8-15. German.

M 356 Gerrits, J.P.G. (PC). (The function of organic and inorganic supplements in mushroom compost, especially in relation to the ammonia concentration.) Die Funktion organischer und anorganischer Zusätze im Champignonkompost, speziell hinsichtlich der Ammoniak-Konzentration. Der Champignon (1976)(44) p. 9-20. Refs. 5. German.

M 357 Geijn, J. van de. (Consulentschap voor de Tuinbouw, Swalmerstraat 52, Roermond). (Diseases and pests of mushrooms. 2. Bacterial disease. 2: bacterial diseases in practice.) Ziekten en plagen van champignons, 2 Bacterieziekten, 2: bacterieziekten in de praktijk. Bedrijfsontwikkeling (1976)7(3) p. 217-219. Dutch.

M 358 Groenewegen, A.N. (LEI). (Rentability and financing of the culture of outdoor vegetables in the provinces Noord- and Zuid-Holland, Noord-Brabant and Limburg - Netherlands - in 1974-75.) Rentabiliteit en financiering van de groenteteelt in de open grond in de provincies Noord- en Zuid-Holland, Noord-Brabant en Limburg over 1974/1975. Mededelingen en Overdrukken - LEI no. 137, Den Haag, 1976. pp. 34. Dutch, with Dutch summary.

M 359 Kampen, J. van. (PGV). (Contributions of the research into solution of technical and economic problems of the vegetable growing in the open in the Netherlands.) Beiträge der Forschung zur Lösung technischer und wirtschaftlicher Probleme des Freilandgemüsebaues in den Niederlanden. Gemüse (1976)12(4) p. 142-144. German.

M 360 Kesteren, H.A. van (PD). (Some particular fungus diseases. VI. Mycological observations no. 18 - on horticultural crops.) Enkele bijzondere schimmelaantastingen. VI. Mycologische waarnemingen no. 18. Gewasbescherming (1975)6(5) p. 89-95. Refs. 29. Dutch, with English summary.

M 361 Kronenberg, H.G. (LHATPT). A crop geography of late Brussels sprouts. Netherlands Journal of Agricultural Science (1975)23(4) p. 291-298. Refs. 9. English, with English summary.

M 362 Meeldijk, B.P. (Consulentschap voor de Tuinbouw, Hoefslag 2, Barendrecht). (Harvest machines for Brussels sprouts.) Nieuwe spruitkool-oogstmachines. Landbouwmechanisatie (1976)27(9) p. 859-861. Dutch, with English and Dutch summaries.

M 363 Oppenoorth, J.M. (RUG). Experiments on root formation. II. The effects of IAA and kinetin on the anatomy of the petiole of Phaseolus vulgaris. Proceedings of the Koninklijke Nederlandse Academie van Wetenschappen, Series C (1976)79(3) p. 299-306. Refs. p. 305-306. English.

M 364 Pieters, J.H. (IB). (The symptom "double cauliflower" - a physiological disease.) Het verschijnsel "dubbele bloemkool". Instituut voor Bodemvruchtbaarheid, Rapport 14, Haren, 1973. pp. 13. Refs. 9. Dutch. (Received 1976)

M 365 Pieters, J.H.; Nicolai, P. & Boon, J. van der. (PAGV). (Topdressing of Brussels sprouts.) Stikstofoverbemesting op spruitkool. Rapporten - Proefstation voor de Groenteteelt in de Vollegrond in Nederland no. 78. Alkmaar, 1976. pp. 57. Refs. 19. Dutch, with English and Dutch summaries. Price ƒ 3,--.

M 366 Planque, K. & Brussel, A.A.N. van. (RUL). An improved large-scale isolation procedure for bacteroids of Rhizobium leguminosarum Frank. from Pisum sativum L. Plant and Soil (1976)45(1) p. [illegible]-211. **Refs. 17. English, with English summary.**

M 367 (Production data vegetables and fruit - apples.) (SI). Produktiegegevens groente en fruit - appel. Sprenger Instituut. Mededeling no. [illegible], **Wageningen, 1976. pp. 42. Refs. 63. Dutch.**

M 368 (Research Station for Mushroom Growing Horst-America (L.); annual report 1975.) (PC). Stichting Proefstation voor de Champignoncultuur, Horst-America (L.); jaarverslag 1975. PC, Horst-**America (L.). 1976. pp. 23. Dutch.**

M 369 Schoneveld, J.A. (PAGV) & Meeldijk, B.P. (Mechanical harvest of vegetables in the United States of America.) Mechanisatie van de groenteteelt in de Verenigde Staten van Amerika. Landbouwmechanisatie (1976)27(4) p. 344-350. Dutch, with English summary.

M 370 Snoek, N.J. (PGV). (National variety trials of Brussels sprouts hybrids in 1972.) Landelijke rassenproeven met spruitkoolhybriden in 1972. PGV-rapport No. 70. Alkmaar, 1973. pp. 49. Dutch, **with English summary.**

M 371 Steinbuch, E. (SI) & Rol, W. (Preservation value of marrowfats-relation to harvesting date.) De conservenwaarde van kapucijners in het dopstadium. Sprenger Instituut-Bulletin no. 129, Wageningen, **1974. pp. 2. Dutch. (Received 1976).**

M 372 Steinbuch, E. (SI). (A machine for automatically dry-peeling of onions.) Een Nederlandse machine voor het automatisch droogschillen van uien. Voedingsmiddelentechnologie (1976)9(13) p. 12-13. **Dutch.**

M 373 Strijbosch, Th. (PGF) & Vooren, J. v.d. Developments in climate control. Acta Horticulturae (1975)(46) p. 21-22. Refs. 4. English.

M 374 Vedder, P.J.C. (PC). (Mechanical harvesting of mushrooms.) Die maschinelle Ernte von Champignons. Der Champignon (1976) **16(177) p. 8-14. German.**

M 375 Verhaegh, A.P. (LEI). Tomato-growing in the Netherlands and on the individual holding. Acta Horticulturae (1974)(40-1) p. 35-43. **Refs. 8. English.**

M 376 Vries, K.J. de (PAGV). (Economic perspectives for a once over mechanical harvesting of gherkins.) Bedrijfseconomisch perspectief voor de eenmalige machinale augurkenoogst. Landbouwkundig Tijdschrift (1976)88(9) p. 294-297. Refs. 8. Dutch.

M 377 Winden, C.M.M. van. (PGF). (Research at the experimental gardens - Netherlands - for vegetable culture under glass in 1976.) Onderzoek op de proeftuinen voor de groententeelt onder glas in 1976. Bedrijfsontwikkeling (1976)7(7/8) p. 586-588. Dutch.

M 378 Zaayen, A. van. (PC). Immunity of strains of Agaricus bitorquis to mushroom virus disease. Netherlands Journal of Plant Pathology (1976)82(4) p. 121-131. Refs. 18. English, with English and Dutch **summaries.**

Ornamentals

(Also Nos M 284, 288, 312, 319, 360, 373)

M 379 Barendse, L. (PBN). (Data on keeping ability of the rose. 2.) Houdbaarheidsgegevens van de roos. (2). Vakblad voor de Bloemisterij (1975)30(47) p. 14-15. Dutch.

M 380 Boer, W.C. de (SI) & Witmondt, M. (Cool storage of cutflowers.) Gekoeld bewaren van snijbloemen. Vakblad voor de Bloemisterij (1975)30(46) p. 16-17. Dutch.

M 381 Deurenberg, J.J.M. (KUN). Activation of protein synthesis in ovaries from Petunia hybrida after compatible and incompatible pollination. Acta Botanica Neerlandica (1976)25(3) p. 221-226. Refs. 10. English, with English summary.

M 382 Durieux, A.J.B. (LBO). (Additional lighting of the lily "Enchantment" during cultivation in winter.) Bijbelichting van de lelie "Enchantment" tijdens de teelt in de wintermaanden. Praktijkmededelingen - Laboratorium voor Bloembollenonderzoek no. 46, Lisse. 1976. pp. 19. Dutch.

M 383 (Floriculture research in the Netherlands in 1975.) (PBN). Bloemisterij onderzoek in Nederland over 1975. Proefstation voor de Bloemisterij in Nederland, Aalsmeer, 1976. pp. 222. Dutch.

M 384 Fortanier, E.J. (LHATPT); Beijersbergen, J.C.M. & Munk, W.J. de. (Report study tour to Northern France 30 March - 4 April 1976 - tulip and other bulb species growing, botany, biochemistry, breeding.) Verslag studiereis naar Noord-Frankrijk 30 maart - 4 april 1976. Laboratorium voor Tuinbouwplantenteelt, Gestencild verslag No. 152, Wageningen, 1976. pp. 17 + Bijlagen. Dutch.

M 385 Granneman, W. (LBO). (The forcing disk: an auxiliary in preparation of schemes for tulip forcing.) De broeischijf: een hulpmiddel bij het opstellen van schema's voor de tulpenbroeierij. Bedrijfsontwikkeling (1976)7(7-8) p. 584-585. Refs. 2. Dutch.

M 386 Groeneveld, H.W. & Koning, J. (RUU). Biosynthesis of phytosterols and latex triterpenes in Hoya australis R.Br. ex Traill and Hoya carnosa R.Br. Acta Botanica Neerlandica (1976)25(3) p. 227-230. Refs. 70. English, with English summary.

M 387 Groenewegen, A.N. (LEI). (Rentability and financing of the culture of pot-plants under glass in the Netherlands in 1974.) Rentabiliteit en financiering van de potplantenteelt onder glas in Nederland over 1974. Mededelingen en Overdrukken - LEI no. 136, Den Haag, 1976. pp. 33. Dutch, with Dutch summary.

M 388 Groenewegen, C.A.M. & Miltenburg, J.C.A. (LEI). (Economic aspects of the culture of Forsythia.) Economische aspecten van de teelt van Forsythia. Mededelingen LEI no. 147, Den Haag, 1976. pp. 26. Dutch, with Dutch summary.

M 389 Heniger, J. (RUU). (Ornamental plants in 16th and 17th century gardens (continued).) Sierplanten in de 16e en 17de eeuwse tuinen (vervolg). Refs. p. 350. Dutch. Groen (1975)31(11) p. 343-350. Refs. p. 350. Dutch.

M 390 International Society for Horticultural Science, The Hague. Commission for Plant Protection. Fourth International Symposium on virus diseases of ornamental plants. Noordwijkerhout (Netherlands), 3-8 May 1976. Proceedings of the international symposium ISHS, The Hague, 1976. pp. 182. English. Also Acta Horticulturae (1976) no. 59.

Selected papers:

M 391 Derks, A.F.L.M. (LHABB). Tulip breaking virus, the only cause of "brown ring formation" in lilium mid-century hybrid "Enchantment". Refs. 2. English. Acta Horticulturae (1976)(59) p. 25-26.

M 392 Slogteren, D.H.M. van (LHABB) et al. A further simplified single immunodiffusion drop test for the detection of lily symptomless virus in lilium species. Refs. 2. English. Acta Horticulturae (1976)(59) p. 29-33.

M 393 Meer, F.A. van der. (IPO). Observations on lilac ringspot. Refs. 16. English. Acta Horticulturae (1976) (59) p. 105-109.

M 394 Huttinga, H. & Mosch, W.H.M. (IPO). Lilac ring mottle virus a coat protein-dependent virus with a tripartite genome. Refs. 19. English. Acta Horticulturae (1976)(59) p. 113-118.

M 395 Hakkaart, F.A. (IPO) & Waterreus, H.A.J.L. A virus disease of Dieffenbachia "exotica". Refs. 4. English. Acta Horticulturae (1976)(59) p. 175-180.

M 396 Keppel, J.C. van. (Jonkerlaan 14, Wassenaar). (Echeveria agavoides and the mysterious variety corderovi.) Echeveria agavoides en de mysterieuze variëteit corderovi. Succulenta (1976)1(9) p. 166-174. Refs. 12. Dutch, with English summary.

M 397 Koster, J. (LBO). (Planting stock storage of tulips. 2.) Plantgoedbewaring bij tulpen (2). Bobaho (1976)50(12) p. 8-9. Dutch.

M 398 Kronenberg, H.G. (LHATPT). Flowering in Dendrobium crumenatum Sw. American Orchid Society Bulletin (1976)45(6) p. 513. Refs. 2. English.

M 399 Kroon, G.H. (IVT). Popyploidy in Cotoneaster. Acta Botanica Neerlandica (1975)24(5-6) p. 417-420. Refs. 8. English.

M 400 Noort, L. van. (LEI). (Profitability and financing of nursery stock husbandry in Boskoop and environs on 1974 1975 - Netherlands.) Rentabiliteit en financiering van de boomkwekerij in Boskoop e.o. over 1974 1975. Mededelingen - LEI no. 140. Den Haag, 1976. pp. 34. Dutch.

M 401 Noort, L. van. (LEI). (Profitability and financing of flower bulb culture in the provinces of North and South Holland - Netherlands - in 1974. Rentabiliteit en financiering van de bloembollenteelt in de provincies Noord- en Zuid-Holland over 1974. Mededelingen - LEI no. 145, Den Haag, 1976. pp. 48. Dutch.

M 402 Pierik, R.L.M. (LHATPT). Callus multiplication of Anthurium andraeanum Lind. in liquid media. Netherlands Journal of Agricultural Science (1975)23(4) p. 299-302. English, with English summary.

M 403 Pierik, R.L.M. (LHATPT). (New method for vegetative propagation of Freesia in test tubes.) Nieuwe methode voor vegetatieve vermeerdering van Freesia in kweekbuizen. Vakblad voor de Bloemisterij (1976)31(38) p. 61. Dutch.

M 404 Riem Vis, F. (IB). (Humus formation and regulation of the humus contents or organic material in sports turf.) Humusbildung und Regulierung des Gehalts an organischer Substanz bei Sportrasen. Rasen (1976)7(1) p. 10-12. Refs. 12. German.

M 405 Ruyter, P.C. (Consulentschap voor de Tuinbouw, Pakhuisstraat 5, Hoorn). (Bulb planters.) Bloembollenpootmachines. Landbouwmechanisatie (1975)26(8) p. 903-909. Dutch, with English summary.

M 406 Sparnaaij, L.D. (IVT) & Tichelaar, C.P. (Cyclamen seed production in revision.) Cyclamen-zaadteelt op de helling. Vakblad voor de Bloemisterij (1975)30(47) p. 22-23. Dutch.

M 407 Spronsen, J.C. van. (LHATPT). (Vegetative propagation of the main ornamental crops in vitro. A literature survey.) Vegetatieve vermeerdering van de belangrijkste siergewassen in vitro. Een literatuuronderzoek. Laboratorium voor Tuinbouwplantenteelt, Gestencild verslag no. 147, Wageningen, 1976. pp. 44. Refs. Dutch.

M 408 Vermeer, E. (RIJ). (Farmstead planting in the Zuidelijke IJsselmeerpolders - Netherlands.) Erfbeplanting in de Zuidelijke IJsselmeerpolders. Groen (1976)(3) p. 72-78. Dutch.

M 409 Visser, A. de. (KNHM). (Polyethylene sheets for the establishment of sports-grounds.) Polystyreenschuimplaten voor de aanleg van sportterreinen. Landbouwkundig Tijdschrift/pt (1976)88(3) p. 60-62. Refs. 3. Dutch.

M 410 Visser, A.J. de & Groot, O. de. (PGF) (Structure of the culture of amaryllis.) Struktuur van de amaryllisteelt. Proefstation voor de Groenten- en Fruitteelt onder Glas, Naaldwijk, 1976. pp. 12. Refs. 7. Dutch, with Dutch summary.

M 411 Vries, D.P. de (IVT) & Eck, R. van. (Vegetative propagation of Cyclamen: cuttings of tubers.) Vegetatieve vermeerdering van Cyclamen stekken van knollen. Vakblad voor de Bloemisterij (1975)30(47) p. 23. Dutch.

M 412 Vries, D.P. de. (IVT). Juvenility in hybrid tea roses. Acta Horticulturae (1976)(56) p. 235-242. Refs. 12. English. (See also M 320).

M 413 (Yield of freesia in the Westland (Netherlands) - 1974-1975.) (LEI). Opbrengsten van fresia's in het Westland - Teeltjaar 1974-1975. LEI-overzichten no. 667, The Hague, 1976. pp. 28. Dutch.

ANIMAL HUSBANDRY

(Also Nos M 27, 72, 76, 79, 87, 90, 97, 119, 134, 138, 139, 145, 146, 148, 171, 254, 257, 264, 486, 496, 513, 520, 521, 522)

M 414 Baud, C.M. & Hoogerbrugge, A. (RUUFD). (Pregnancy period of mink in the Netherlands - including litter size and birth weight.) De draagtijd van nertsen in Nederland. De Pelsdierfokker (1976)26(2) p. 28-34. Dutch.

M 415 Bisalsky, A.J.N. (IPS). (Determination of the convertible energy of wheat products.) Bepaling van de omzetbare energie van tarweprodukten. Rapporten Instituut voor Pluimveeonderzoek no. [illegible] Beekbergen, 1975. pp. 6. Dutch.

M 416 Boer, F. de & Hamm, G.G.H. (IVH). (Dried chicken manure as a nitrogen source (protein replacement) for fattening bulls.) Gedroogde batterijmest als stikstofbron (eiwitvervanging) voor vleesstieren. Bedrijfsontwikkeling (1976)7(7) p. 557-560. Refs. 7. Dutch, with Dutch summary.

M 417 Boonekamp, L.W.L. (DVZ). (Structural and price changes in the - Dutch - pig husbandry.) Structuur- en prijsveranderingen in de varkenshouderij. Bedrijfsontwikkeling (1976)7(3) p. 189-191. Dutch.

M 418 Boonman, D.C.M. (PR). (Computer and bovine husbandry in the USA - mainly milk production control and breeding.) Computer en rundveehouderij in de VS. Bedrijfsontwikkeling (1976)7(4) p. 281-285. Dutch.

M 419 Borggreve, G.J. (IMV) et al. The net energy content of pig feeds according to the Rostock formula. The value of starch in the feed. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1975)34(4) p. 199-204. Refs. 5. English, with German summary.

M 420 Boxem, T. (PR). (Supplementary feeding of dairy cattle at grass.) Bijvoeding van melkvee in de weide. Verslag van vergelijkend onderzoek op vier proefboerderijen in de periode 1972-1974. Publikaties Proefstation voor de Rundveehouderij no. 6. Lelystad, 1976. pp. 45. Refs. 5. Dutch, with English and Dutch summaries.

M 421 Buis, R.C. (LHAVT). Genetic polymorphism of blood proteins in a population of Shetland ponies. Doctoral thesis, Wageningen, 1976. pp. 87. Refs. 116. English, with English and Dutch summaries. Also Mededelingen Landbouwhogeschool Wageningen no. 76-4.

M 422 Coep, W.A.G. (IVO). (The use of the capacity of selection fattening farms for the selection of boars, 2.) Benutting van de capaciteit der selectiemesterijen voor de selectie van beren, 2. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 264. Zeist, 1975. pp. 33. Refs. 11. Dutch, with Dutch summary.

M 423 (Distribution of concentrates in cubicle sheds.) (PR). Het verstrekken van krachtvoer in ligboxenstallen. Proefstation voor de Rundveehouderij. Rapport no. 41. Lelystad, 1976. pp. 86. Dutch, with English and Dutch summaries.

M 425 Dijkstra, M. (IVO). (Comparative fattening experiment using offspring from two A.I.bulls, who took part in such an experiment themselves.) Vergelijkende mestproef met nakomelingengroepen van twee KI-stieren, die zelf aan een eigen prestatietoets hebben deelgenomen. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 267. Zeist, 1975. pp. 8. Dutch, with Dutch summary.

M 426 Dijkstra, M.; Oldenbroek, J.K. & Bergstroem, P.L. (IVO). (The suitability of HF, FH and MRIJ bull calves for veal production.) De geschiktheid van HF-, FH- en MRIJ-stierkalveren voor de kalfsvleesproduktie. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 268, Zeist, 1975. pp. 10. Dutch, with Dutch summary.

M 427 Eldik, P. van. (IVO). (The relation between halothane sensitivity and production characteristics of pigs, related to the level of feeding.) Het verband tussen halothaangevoeligheid en produktiekenmerken bij varkens, in afhankelijkheid van het voerniveau. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 265, Zeist, 1975. pp. 9. Dutch, with Dutch summary.

M 428 Es, A.J.H. van. (IVH). Losses and gains of energy during production of food for human consumption in animal husbandry. Agricultura (1975)23(4) p. 359-374. Refs. 9. English.

M 429 Es, A.J.H. van. (IVH). Meat production from ruminants. Instituut voor Veevoedingsonderzoek "Hoorn", Overdruk nr. 93: Hoorn, 1976. pp. 11. Refs. 29. English. Repr.: Meat Animals (1976) p. 391-401.

M 430 Evenhuis, H.H. (IPO). (Minks and flies.) Nertsen en vliegen. De Pelsdierenfokker (1976)(4) p. 66-67. Dutch.

M 431 Glas, H.W. van der. (RUU). Polarization-induced colour patterns. A model of the perception of the polarized skylight by insects. 2. Experiments with direction trained dancing bees Apis mellefera. Netherlands Journal of Zoology (1976)26(3) p. 383-413. Refs. 16. English, with English summary.

M 432 Goosen, P.C.M. (RUUFD). Absorption of long-chain fatty acids by rumen epithelium: experiments in vivo and in vitro. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1975) 35(6) p. 296-302. Refs. 16. English, with German summary.

M 433 Graf, R. (IVO). (Visual orientation in pigs in relation to the level of lighting.) Das visuelle Orientierungsvermögen der Schweine in Abhängigkeit von der Beleuchtungsstärke. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. B 124, Zeist, 1976. pp. 56. Refs. 39. German, with German and English summaries.

M 434 Hart, C. 't (IMAG) & Russeler Colenbrander, P.B. (Slurry pits in cowsheds with cubicles.) Drijfmestkelders in ligboxenstallen. Bedrijfsontwikkeling (1976)7(6) p. 427-430. Dutch.

M 435 Helder, J.F. (IPS). (A study of the feeding value of raw materials, using broilers.) Onderzoek met slachtkuikens naar de voederwaarde van grondstoffen. Rapporten Instituut voor Pluimveeonderzoek no. 9475, Beekbergen, 1975. pp. 10. Dutch.

M 436 Holsheimer, J.P. (IPS). (Protein and amino acids in broiler feeds.) Eiwit en aminozuren in slachtkuikenvoeders. Rapporten Instituut voor Pluimveeonderzoek no. 9675, Beekbergen, 1975. pp. 12. Dutch.

M 437 Iwema, S. (LHAVV). (The extension on cattle feeding in the Netherlands. A historical consideration.) De voorlichting over de rundveevoeding in Nederland. Een historische beschouwing. Bedrijfsontwikkeling (1976)7(3) p. 165-167. Dutch.

M 438 Janse, J.D. (PR). (Roughages for bovines in the Netherlands. 4. Industrial byproducts being traded by third to animal farmers.) Ruwvoeders voor rundvee in Nederland (4). Industriële bijprodukten die via derden bij veehouders worden afgezet. Bedrijfsontwikkeling (1975)6(7/8) p. 598-602. **Dutch.**

M 439 Janssen, W.M.M.A. & Salm, L.P. van der. (IPS). (The effect of different types of feed on the results of very light laying hens.) De invloed van voeders van uiteenlopende geaardheid en energiegehalte op de resultaten van zeer lichte leghennen. Rapporten Instituut voor Pluimveeonderzoek no. 6675, Beekbergen, 1975. pp. 30. **Dutch, with Dutch summary.**

M 440 Janssen, W.M.A.A. (IPS). (15 years research of metabolizable energy - in poultry feeds.) 15 jaar omzetbare energie. Rapporten Instituut voor Pluimveeonderzoek no. 9775, Beekbergen, 1975. **pp. 13. Refs. 6. Dutch.**

M 441 Janssen, W.M.M.A.; Waanders, J. & Terpstra, K. (IPS). Poultry the metabolizable energy of feedstuffs. Spelderholt Mededeling no. 260, Beekbergen, 1975. pp. 4. English.

M 442 Kan, C.A. (IPS). (Accumulation and excretion of organochlor-insecticides in broiler dams.) Accumulatie en uitscheiding van organochloorinsecticiden bij slachtkuikenmoederdieren. Rapporten Instituut voor Pluimveeonderzoek no. 9175, Beekbergen, 1975. **pp. 4. Dutch.**

M 443 Koomans, P. (IMAG). (Developments in buildings and equipments for pigs in the Netherlands.) Ontwikkelingen in de bedrijfsgebouwen en inrichting voor varkens in Nederland. Het Ingenieursblad (1976)45(5) p. 141-144. Dutch, with German, French and English **summaries.**

M 444 Kuit, A.R. (IPS). (The chicken as a laboratory animal in animal husbandry research.) De kip als proefdier in het veeteeltkundig onderzoek. Bedrijfsontwikkeling (1976)7(7) p. 561-564. Refs. 12. **Dutch, with Dutch summary.**

M 445 Leeuwen, J.M. van & Visser, H. de. (IVH). (Dynamics of calcium metabolism in lactating cows when the calcium content of the rations is reduced.) Dynamiek van de Ca-stofwisseling van melkgevende koeien bij een verlaagd Ca-aanbod uit het voer. Tijdschrift voor Diergeneeskunde (1976)101(15) p. 825-834. Refs. 7. **Dutch, with English and Dutch summaries.**

M 446 Meijs, J.A.C. (Report of a discussion meeting on grass uptake and animal production of grazing ruminants on 23 - 25 august 1976 at Uppsala.) Verslag van een discussiebijeenkomst over grasopname en dierlijke produktie van grazende herkauwers op 23 t/m 25 augustus 1976 te Uppsala. Instituut voor Veevoedingsonderzoek "Hoorn", Intern rapport no. 96, Hoorn, 1976. pp. 7. Dutch.

M 447 Mousset, T.H. (IVH). (Protein synthesis and protein destruction in tissue of mammals.) Eiwitsynthese en eiwitafbraak in zoogdierweefsel. Interne Rapporten Instituut voor Veevoedingsonderzoek "Hoorn" no. 80, Hoorn, undated. pp. 19. Refs. 27. Dutch, **with Dutch summary.**

M 448 Mulder, R.W.A.W. (IPS). (Antibiotics, residues and poultry.) Antibiotica, residuen en pluimvee. Rapporten Instituut voor Pluimveeonderzoek no. 9275, Beekbergen, 1975. pp. 9. Dutch.

M 449 Nitschelm, D. (RUUFD) & Horst, C.J.G. van der. The influence of taking uterine biopsies on the concentration of some steroids in the blood and in the uterus, on the ovarian activity, and on the sexual behaviour of the mare. Tijdschrift voor Diergeneeskunde (1976)10(14) p. 796-804. Refs. 28. English, with English and Dutch summaries.

M 450 Nouws, J.F.M. (Keuringsdienst voor Vee en Vlees, Nijmegen) & Ziv, G. The effect of storage at 4°C on antibiotic residues in kidney and meat tissues of dairy cows. Tijdschrift voor Diergeneeskunde (1976)101(20) p. 1145-1153. Refs. 8. English, with English and Dutch summaries.

M 451 Oldenbroek, J.K. (IVO). (Evaluation of the measuring program with female offspring of bulls in Friesland - Netherlands - in 1974.) Evaluatie van het meetprogramma met vrouwelijke nakomelingen van stieren in Friesland in 1974. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 276, Zeist, 1975. pp.11. Dutch.

M 452 Physiology of digestion. A symposium in honour of Prof. Frens at the occasion of his valediction as full professor of the Landbouwhogeschool. Wageningen, 9-10 Jan. 1975. (Binnerts, W.T., editor). Physiologie der Verdauung etc. Miscellaneous Papers-Landbouwhogeschool Wageningen no. 11. 1975. pp. 119. English and German.

M 453 Politiek, R.D. (LHAVT) & Vos, H. (Bovine selection experiment at the P.F.L. - 7.) Rundveeselektieproef op het PFL (7). De Keurstamboeker (1975)57(12) p. 461-463. Dutch.

M 454 (Research Institute for Livestock Nutrition "Hoorn", Lelystad; annual report 1975.)(IVH). Instituut voor Veevoedingsonderzoek "Hoorn", Lelystad; jaarverslag 1975. IVH, Lelystad, 1976. pp. 56. Dutch.

M 455 Rijpkema, Y.S. (IVH). (Feeding dairy cows in different stages of the lactation period and the importance of a controlled concentrate rationing.) De voeding van melkvee gedurende de verschillende stadia van de lactatieperiode en de zin van een gecontroleerde krachtvoerdosering. Bedrijfsontwikkeling (1976)7(3) p. 169-174. Refs. 13. Dutch, with Dutch summary.

M 456 Scheele, C.W. (IPS). The availability of metabolizable energy corrected for N equilibrium. Spelderholt Mededeling no. 262, Beekbergen, 1975. pp. 6. Refs. 22. English.

M 457 Scheele, C.W. (IPS). (The utilization of metabolizable energy by poultry corrected for N equilibrium.) De benutting van de omzetbare energie gecorrigeerd voor stikstofevenwicht door pluimvee. Rapporten Instituut voor Pluimveeonderzoek no. 9375, Beekbergen, 1975. pp. 10. Dutch.

M 458 Snijders, P.J.M. (PR). (Feeding of a complete ration with mixer feeder.) Voedering van compleet voer met een voermengwagen. Landbouwmechanisatie (1976)27(10) p. 1017-1019. Dutch, with English and Dutch summaries.

M 459 Stelwagen, J.; Hoogerbrugge, A. & Renkema, J.A. ([illegible]). (Is slaughtering sows after one litter an economical system?) Is het slachten van eersteworpszeugen een economisch zinvol bedrijfssysteem? Bedrijfsontwikkeling (1976)7(6) p. 441-[illegible]. Refs. 10. Dutch, with Dutch summary.

M 460 Tamminga, S. (IVH). Observation on protein digestion in the digestive tract of dairy cows. 1. Distribution of amino acids in rumen microbes and digesta. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1975)35(6) p. 337-346. Refs. 20. English, with German summary.

M 461 Tamminga, S.; Steg-Beers, A. (IVH); Hoven, W. van & Ballings, H.T. Production of milk with a high content of poly-unsaturated fatty acids, 1 Experiments in relation to the efficiency of production. Netherlands Milk and Dairy Journal (1976)30(2) p. [illegible]-117. Refs. 17. English, with English and Dutch summaries.

M 462 Terpstra, K. (IPS). (Determination of digestibility of amino acids in feedstuffs.) Bepaling van de verteerbaarheid van aminozuren in voedermiddelen. Rapporten Instituut voor Pluimveeonderzoek no. 9575, Beekbergen, 1975. pp. 15. Dutch.

M 463 Terpstra, K. (IPS). (Determination of digestibility of amino acids for poultry.) Die Bestimmung der 'Verdaulichkeit' von Aminosauern für Geflügel. Spelderholt Mededeling no. 261, Beekbergen, 1975. pp. 7. Refs. 15. German.

M 464 Teunis, G.P. (IPS). (Phytin hydrolysis in the intestinal tract of hens.) De fytinehydrolyse in het maagdarmkanaal van hennen. Rapporten Instituut voor Pluimveeonderzoek no. 8775, Beekbergen, 1976. pp. 23. Refs. 31. Dutch, with Dutch summary.

M 465 Uwland, J. (KI-Station "Zuid-West Nederland", Lexmond). Birth of calves in posterior presentation. Tijdschrift voor Diergeneeskunde (1976)101(8) p. 421-427. Refs. 14. English, with English and Dutch summaries.

M 466 Vles, R.O. (URL) et al. Nutritional status of low-erucic-acid rapeseed oils. Fette, Seifen, Anstrichmittel (1976)78(3) p. 128-131. Refs. 14. English, German summary.

M 467 Vos, H. (LHAVT) & Politiek, R.D. (The bovine selection experiment at the Ir. Minderhoudhoeve. 9. The milk production of the initial population in the first three lactations.) De rundveeselectieproef op de ir. Minderhoudhoeve. 9. De melkproduktie van de uitgangspopulatie in de eerste drie laktaties. De Friese Veefokkerij (1976)(9) p. 448-452. Dutch.

M 468 Vreman, K. (IVH); Smits, B.; Westerhuis, J.H. & Visser, H. de. Trimethylamine oxide in diets for veal calves. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1975)35(6) p. 289-295. Refs. 15. English, with German summary.

M 469 Wieling, H. (PR). (Programming cattle farms.) Het programmeren van rundveebedrijven. Bedrijfsontwikkeling (1976)7(7) p. 545-550. Dutch, with Dutch summary.

M 471 Wisselink, G. (LEI); (PR). (Developments in the - Dutch - dairy cattle husbandry.) Ontwikkelingen in de melkveehouderij. Bedrijfsontwikkeling (1976)7(7/8) p. 543-544. Dutch.

M 472 Wolhoff, M. (RUUFD); (IVO). (An orientating study on the transfer of slaughtering pigs from the fattening house to the cattle truck.) Een oriënterend onderzoek naar het overbrengen van slachtvarkens uit het mesthok naar de veewagen. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 266, Zeist, 1975. pp. 23. Dutch, with Dutch summary.

M 473 Wouterlood, F.G. (RUL). The mutual relations of structures in the growing bill of chick (Gallus domesticus L.) and duck (Anas platyrhynchos L.) embryos. 2. normal growth of duck embryos (external dimensions); the size, shape, and position of skeletal elements in the heads of chick and duck embryos lacking an upper or lower bill. Netherlands Journal of Zoology (1976)26(2) p. 266-294. Refs. 34. English, with English summary.

M 474 Wouterlood, F.G. (RUL). Problems associated with accurate staging and intraspecific comparability of duck and chick embryos in the late phase of development. Netherlands Journal of Zoology (1976)26(2) p. 295-305. Refs. 5. English, with English summary.

M 475 Zwetsloot, C.A.S. (LEI). (Financial results of sheep husbandry.) Resultaten van de schapenhouderij. Bedrijfsontwikkeling (1975) 6(9) p. 719-720. Dutch.

INSECTS AND REPTILES

M 475a Wilde, J. de. (LHAE). Juvenile hormone and caste differentiation in the honey bee (Apis mellifera L.). Mededeling No. 268 van het Laboratorium voor Entomologie, Wageningen, 1976. pp. 16. Refs. 82. English. Repr.: Phase and caste determination in insects; Edited by M. Lüscher. Pergamon Press Oxford & New York 1976. p. 5-20.

ANIMAL PRODUCTS, DAIRYING

(Also Nos M 9, 80, 88, 134, 418, 426, 450, 455, 459, 461, 467, 472, 524, 529, 539)

M 476 Badings, H.T. (NIZO); Tamminga, S. & Schaap, J.E. Production of milk with a high content of poly-unsaturated fatty acids, 2: fatty acid composition of milk in relation to the quality of pasteurized milk, butter and cheese. Netherlands Milk and Dairy Journal (1976)30(2) p. 118-131. Refs. 13. English, with English and Dutch summaries.

M 477 Beerends, T. (Keuringsdienst van Waren, Den Haag). (A comparative study of three methods to determine the yolk content of foods prepared with eggs or eggyolk.) Vergelijkend onderzoek van drie methoden ter bepaling van het eidooiergehalte van met eieren of eidooier bereide waren. De Warenchemicus (1976)6(4) p. 117-122. Dutch, with Dutch summary.

M 478 Beerends, T. (Keuringsdienst van Waren, Den Haag). (Gas chromatographic determination of cholesterol as a basis for calculating of the eggyolk content.) Gaschromatografische cholesterolbepaling als grondslag voor de berekening van het eidooiergehalte. De Warenchemicus (1976)6(4) p. 123-127. Refs. 6. Dutch.

M 479 Beerends, T. (Keuringsdienst van Waren, Den Haag). (Enzymatic determination of cholesterol as a basis for calculating the eggyolk content.) Enzymatische cholesterolbepaling als grondslag voor de berekening van het eidooiergehalte. De Warenchemicus (1976)6(4) p. 128-131. Dutch.

M 480 Berg, G. van den & Vries, E. de.(NIZO). Bovine rennet for the manufacture of Gouda cheese. NIZO-Rapporten no. R 103, Ede. 1976. pp. 14. English, with English and Dutch summaries.

M 481 Berg, G. van den & Vries, E. de. (NIZO). (The use of curd washing water. 2.) Het gebruik van wrongelwaswater. 2. Voedingsmiddelentechnologie (1976)9(38) p. 16-18. Dutch, with English summary.

M 482 Bloem, L.J. (DLO). (Tank milking in the future.) Tankmelken in de toekomst. Bedrijfsontwikkeling (1976)7(3) p. 159-164. Dutch.

M 483 Brant, A.W. (IPS). Selective media for psychotrophic spoilage bacteria of fresh poultry. Spelderholt Mededeling no. 236, IPS, Beekbergen, 1975. pp. 6. Refs. 28. English.

M 484 Bruni, A. (RUU), Dijck, P.W.M. van & Rier, J. de. The role of phospholipid acyl chains in the activation of mitochondrial ATPase complex--egg.Biochimica et Biophysica Acta (M) Biomembranes (1975)406(2) p. 315-328. Refs. 56. English.

M 485 (Commodity Board for Dairying, Rijswijk (Z.H.); annual report 1975.)(PZ).Produktschap voor Zuivel, Rijswijk (Z.H.); jaarverslag 1975. PZ, Rijswijk (ZH), 1976. pp. 174. Dutch.

M 486 Dommerholt, J. (IVO). (Predicting the amount of milk at the next milking experiment.) Voorspelling van de melkhoeveelheid bij de volgende proefmelking. Bedrijfsontwikkeling (1976)7(6) p. 437-44[illegible]. Dutch, with Dutch summary.

M 487 Folkerts, J. (IPS). (Controlling residues in poultry meat and eggs.) Bestrijding van het voorkomen van residuen in pluimveevlees en eieren. Rapporten Instituut voor Pluimveeonderzoek no. 9-75, Beekbergen, 1975. pp. 9. Dutch. (Received 1976).

M 488 Frijters, J.E.R. (IPS). Evaluation of a texture profile for cooked breast meat by principal component analysis. Spelderholt Mededeling no. 234, IPS, Beekbergen, 1975. pp. 8. Refs. 21. English, with English summary. (Received 1976).

M 489 Gaast, G. van der. (Consulentschap voor Melkwinning, Melkhygiene en Boerenkaasbereiding, Duivendaal 6, Wageningen). (Milking in a tying stall.) Melkwinning op de grupstal. Landbouwmechanisatie (1976)27(10) p. 1011-1014. Dutch, with English and Dutch summaries.

M 490 Gerrits, A.R. (IPS). Developments in the poultry slaughtering process. Spelderholt Mededeling no. 230, IPS, Beekbergen, 1975. pp. 4. English. (Received 1976).

M 491 Gerrits, A.R. & Jansonius, F.A.T. (IPS). Recrystallisation of ice-crystals in frozen muscle tissues of broilers. Spelderholt Mededeling no. 233, IPS, Beekbergen, 1975. pp. 9. Refs. 25. English, with English summary. (Received 1976).

M 492 Hadlok, R. et al. (CBSC). (Fungi and meat: contamination flora.) Schimmelpilze und Fleisch: Kontaminationsflora. Die Fleischwirtschaft (1976)56(3) p. 372-374. Refs. p. 373-374. German, with French summary.

M 493 Hadlok, R. et al. (CBSC). Mould contamination of meat products. Die Fleischwirtschaft (1976)56(3) p. 374-376. English and German.

M 494 Hessel-Schmalfuss, I.; Smith, M.Th. & Hadlok, R. (CBSC). (Yeasts and meat: occurrence, systematology and differentiation.) Hefen und Fleisch: Vorkommen, Systematik und Differenzierung. Die Fleischwirtschaft (1976)56(3) p. 379-384. Refs. p. 383-384. German, with English and French summaries.

M 495 Hiddink, J.; Boer, R. de & Nooy, P.F.C. (NIZO). (Ultrafiltration of thickened whey. 1.). Ultrafiltratie van ingedikte wei, 1. Voedingsmiddelentechnologie (1976)9(47) p. 13-16. Refs. 6. Dutch.

M 496 Hoenderken, R. (IVO). (An improved system for driving pigs for slaughter to the restrainer.) Ein verbessertes System für das Treiben von Schlachtschweinen zum Restrainer. Die Fleischwirtschaft (1976)56(6) p. 838-839. German.

M 497 Hofmans, G.J.P. & Veerkamp,C.H.(IPS).Vacuum-cooling of broiler carcasses. Spelderholt Mededeling no. 231, IPS, Beekbergen, 1975. pp. 6. Refs. 5. English, with English summary. (Received 1976).

M 498 Kan, C.A. & Tuinstra, L.G.M.T. (IPS). Accumulation of organochlorine insecticides in poultry. Spelderholt Mededeling no. 237, IPS, Beekbergen, 1975. pp. 9. Refs. 10. English, with German, English and French summaries. (Received 1976).

M 499 Kerkhof, J.A. (IMAG) & Veltman, P.F. (Mechanical automation of milking.) Mechanisch automatiseren van het melken. Landbouwmechanisatie (1976)27(5) p. 447-449. Dutch.

M 500 Langeveld, L.P.M. & Cuperus, F. (NIZO). (Two rapid and sensitive methods for the detection of post-pasteurization contamination in pasteurized milk and milk products.) Twee gevoelige methoden waarmee in korte tijd nabesmetting van gepasteuriseerde melk en melkprodukten kan worden vastgesteld. Voedingsmiddelentechnologie (1976)9(38) p. 19-21. Dutch, with English summary.

M 501 Moerman, P.C. (CIVO). (The Dutch Centre for Meat Technology - a department of CIVO-TNO.) Wat doet het Nederlands Centrum voor Vleestechnologie? TNO-Project (1976)4(7) p. 280-283. Dutch, with Dutch summary.

M 502 Mol, J.J. (NIZO). (Effect of the pre-heating of milk on some characteristics of milk powder.) De invloed, die de voorverhitting van melk heeft op enkele eigenschappen van melkpoeder. Voedingsmiddelentechnologie (1976)9(25) p. 14-15. Dutch, with English and Dutch summaries.

M 503 Mol, J.J.; Damman, A.J. (NIZO) & Eisses, J. (Vitamin enrichment of non-fat dry milk.) Het vitamineren van ondermelkpoeder. Voedingsmiddelentechnologie (1976)9(29) p. 20-21. Dutch, with English and Dutch summaries.

M 504 Mulder, R.W.A.W. (IPS). Radiation inactivation of Salmonella panama and Escherichia coli K12 present on deepfrozen poultry carcasses. Spelderholt Mededeling no. 232, IPS, Beekbergen, 1975. pp. 7. Refs. 15. English, with English summary. (Received 1976).

M 505 Mulder, R.W.A.W.; Beumer, R.R. & Erdtsieck, B. (IPS). Heat resistance of Streptococcus feacalis var. zymogenes in egg products. Spelderholt Mededeling no. 226, IPS, Beekbergen, 1975. pp. 3. Refs. 7. English, with English summary. (Received 1976).

M 506 Mulder, R.W.A.W. (IPS) et al. Experiments with continuous immersion chilling of broiler carcasses according to the code of practice. Journal of Food Science (1976)41(2) p. 438-442. Refs. 10. English.

M 507 Mulder, S.J. & Krol, B. (CIVO). (Studies on the bacteriological features of fresh meat. 3. effects of transport.) Een onderzoek naar de bacteriologische gesteldheid van vers vlees, 3. de invloed van het transport. Tijdschrift voor Diergeneeskunde (1976)101(23) p. 1306-1313. Dutch, with English and Dutch summaries.

M 508 Oosterwoud, A. (IPS), Frijters, J.E.R. & Davids, C. Some factors affecting mass candling performance of eggs. Spelderholt Mededeling (1975)(259); Reprint British Poultry Science (1976)17 p. 249-260. Refs. 6. English.

M 509 Pfrommer, G. (CIVO). (Processing of pig kidneys.) Bewerking van varkensnieren. Voedingsmiddelentechnologie (1976)9(19) p. 9. Refs. 2. Dutch.

M 510 Schothorst, M. van (RIV) & Leusden, F.M. van. Comparison of several methods for the isolation of salmonellae from egg products. Canadian Journal of Microbiology (1975)21(7) p. 1041-1045. Refs. 19. English, with French summary.

M 511 Snoeren, T.H.M. (NIZO). Kappa carrageenan. A study on its physico-chemical properties, sol-gel transition and interaction with milk proteins. Doctoral thesis, Wageningen, 1976. pp. 102. Refs. 165. English, with English and Dutch summaries. Also NIZO-verslagen no. V 174, Ede, 1976.

M 512 Snoeren, T.H.M.; Both, P. & Schmidt, D.G. (NIZO). An electron-microscopic study of carrageenan and its interaction with kappa-casein. Netherlands Milk and Dairy Journal (1976)30(2) p. 132-141. Refs. 17. English, with English and Dutch summaries.

M 513 Snijders, J.M.A. (RUUFD) & Gerats, G.E. Pig slaughtering hygiene. IV. Bacteriological status of carcasses in various sections of the killing line. Fleisch Wirtschaft (1976)56(5) p. 717-721. Refs. 28. German, with French and English summaries.

M 514 Stadhouders, J.; Bangma, A. & Driessen, F.M. (NIZO). (Control of acid production in cheese manufacture. 2. Methods of obtaining better control of starter activity.) Beheersing van de zuurvorming bij de kaasbereiding. 2. Bereiding van zuursel met gebruik van melkpoeder, zuursel-concentraten en "faagdichte" grootzuursel-tanks. Zuivelzicht (1976)68(8) p. 180-184. Refs. 5. Dutch, with English summary.

M 515 Stephany, R.W. (RIV) et al. Mass spectrometric quantification of traces of volatile N-nitrosamines in meat products. Journal of Agricultural and Food Chemistry (1976)24(3) p. 536-539. Refs. 21. English.

M 516 Teppema, P. & Brouwer, F. (Zuid-Nederlandse Melkindustrie BV, Veghel). The pH of casein. Netherlands Milk and Dairy Journal (1976)30(2) p. 79-94. Refs. 6. English, with English and Dutch summaries.

M 517 Terbijhe, R.J. (RUUFD). (Preliminary investigations on the bacteriological condition and the bone contents of "poultry meat".) Orientierende Untersuchungen über die bakteriologische Beschaffenheit und den Knochengehalt von "Geflügelmeat". Archiv für Lebensmittel Hygiene (1976)27(1) p. 5-7. Refs. 15. German.

M 518 Tijms, W. (RUG). (The Saint-Nectaire. The history of a French cheese of controlled origin in its geographical and economic cadre.) Le Saint-nectaire.L'Histoire d'un fromage d'appellation d'origine dans son cadre géographique et économique. Thesis Groningen, 1976. pp. 156. Refs. p. 148-151. French, with Dutch summary.

M 519 Veen, J. van der. (CIVO). (Presence of polythene type plastics in animal fats.) Het probleem van poly-etheenachtige stoffen in dierlijke vetten. Voedingsmiddelentechnologie (1976)9(15) p. 8-11. Dutch, with German, English, French and Dutch summaries.

M 520 Veerkamp, C.H. (IPS). Yields of producing, processing and consuming broilers. Spelderholt Mededeling no. 235, IPS, Beekbergen, 1975. pp. 5. English, with English summary. (Received 1976).

M 521 Wal, P.G. van der. (IVO). (Stunning of slaughter-pigs. Chemical and physiological aspects, also in relation to meat quality.) Bedwelming van slachtvarkens. Chemisch-fysiologische en vleeskwaliteitsaspecten. Doctoral thesis, Wageningen. Zeist, 1976. pp. 127. Refs. 210. Dutch, with English and Dutch summaries. Also: Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord", no. B 123.

M 522 Zwetsloot, C.A.S. (LEI). (Fluctuating economic result in bull meat production.) Wisselend economisch resultaat bij stierevleesproduktie. Bedrijfsontwikkeling (1976)7(3) p. 179-180. Dutch.

FOOD SCIENCE

(Also Nos M 6, 232, 262, 266, 428, 477, 487, 550, 553, 558)

M 523 Bakker, A.J. (VV). (Plasmalogen diseases, the cause of coronary heart disease?) Plasmalogeenziekte, de oorzaak van coronaire hartziekte? Voeding (1976)37(10) p. 573-577. Dutch.

M 524 Beljaars, P.R. & Rondags, T.M.M. (Keuringsdienst van Waren, Maastricht). (Determination of ascorbic acid in prepared meat.) De bepaling van ascorbinezuur in toebereid vlees. De Warenchemicus (1976)6(4) p. 144-158. Refs. 13. Dutch.

M 525 Bemelmans, J.M.H. (CIVO). (Aroma substances in foodstuffs.) Geurstoffen in voedingsmiddelen. TNO-Project (1976)4(7) p. 263-270. Refs. 7. Dutch, with Dutch summary.

M 526 Bosman, W. (Commissie Vitaminering van Levensmiddelen, Voedingsraad, Den Haag). (Report on an enquiry on the occurrence of folic acid deficiency in the Netherlands.) Enquêteverslag betreffende het voorkomen van foliumzuur-deficiëntie in Nederland. Voeding (1976)37(10) p. 565-572. Dutch, with English and Dutch summaries.

M 527 Bronsgeest-Schoute, H.C. (LHAVO). (Effect of exogenous cholesterol on blood lipid concentrations with an average Dutch diet as to fat content and fatty acid composition.) Invloed van exogeen cholesterol op bloedlipidenconcentraties bij een gemiddelde Nederlandse voeding wat betreft vetgehalte en vetzuursamenstelling. Rapporten - LH Vakgroep Humane Voeding no. 76-28. Wageningen, 1976. pp. 73. Refs. 38. Dutch.

M 528 Buren, J. van (SI); Vos, L. de & Pilnik, W. Polyphenols in Golden Delicious apple juice in relation to method of preparation. Journal of Agricultural and Food Chemistry (1976)24(3) p. 448-451. Refs. 28. English.

M 529 (Changes in blood lipids and nutrient supply through interruption of a habitually egg-rich nutrition.) (LHAVO). Veranderingen in bloedlipiden en nutriëntenvoorziening bij een onderbreking van een habitueel eierrijke voeding. Rapporten LH Vakgroep Humane Voeding no. 76-29. Wageningen, 1976. pp. 39. Refs. 35. Dutch, with Dutch summary.

M 530 Edema, J.M.P. (LHAVO). (Social phenomena and the planning of a nutrition education program.) Sociale verschijnselen en de planning van een voedingsvoorlichtingsprogramma. Voeding (1976) 37(6) p. 328-340. Refs. 16. Dutch, with Dutch summary.

M 531 Erdtsieck, B. (IPS). The "total quality" concept - in foods. Spelderholt Mededeling no. 228, IPS, Beekbergen, 1975. pp. 12. Refs. 58. English. (Received in 1976).

M 532 Fernandes, J. & Dijkhuis-Stoffelsma, R. (Academisch Ziekenhuis, Dr. Molewaterplein 36, Rotterdam); Sophia Kinderziekenhuis en Zuigelingenkliniek, Gordelweg 160, Rotterdam). (Nutrition and serumcholesterol in children.) Voeding en serumcholesterol bij kinderen. Voeding (1976)37(4) p. 215-223. Refs. 17. Dutch.

M 533 Frijters, J.E.R. (IPS). Sensory evaluation a link between food research and food acceptance research. Spelderholt Mededeling no. 229, IPS, Beekbergen, 1975. pp. 7. English, with English summary. (Received in 1976).

M 534 Gelderen, H.H. van. (RUL). (Overweight and obesity in children.) Overgewicht en vetzucht bij kinderen. Voeding (1976)47(4) p. 208-212. Dutch.

M 535 Groot, E.H. (LHAVO) & Oets, J. (Natural foods-health foods?) Alternatieve voeding - gezondheidsvoedsel? Natuur en Techniek (1976(44(8) p. 570-587. Dutch.

M 536 Hammink, J. (VV). (Scientific developments in the field of nutrition translated into practical recommendations for doctors and dieticians.) Wetenschappelijke ontwikkelingen op voedingsgebied, vertaald in praktische adviezen voor artsen en diëtisten. Voeding (1976)37(9) p. 508-513. Dutch.

M 537 Hartog, C. den. (LHAVO). (Animal protein requirements - of man.) De behoefte aan dierlijk eiwit. Voeding (1976)37(7) p. 354-366. Refs. 40. Dutch.

M 538 Hekkens, T.J.M. (RUU). (Food and adaptation.) Voeding en adaptatie. Voeding (1976)37(4) p. 192-200. Refs. 46. Dutch.

M 539 Krol, B. (CIVO). (Meat and meat products, healthy foods.) Vlees en vleeswaren, gezond voedsel. Voeding (1976)37(7) p. 372-382. Refs. 33. Dutch.

M 540 Moosdijk, A. van de; Lukkenaer, J.; Schuurmans, R. & Verhoeven, I. (Keuringsdienst van Waren, 's-Hertogenbosch). (The effect of freezing on the number of viable yeasts in salads.) De invloed van bevriezing op het aantal kweekbare gisten in salades. De Warenchemicus (1976)6(4) p. 111-116. Refs. 5. Dutch, with Dutch summary.

M 541 Mossel, D.A.A. (RUU). The choice of criteria derived from the types and numbers of harmful microorganisms in food. Antonie van Leeuwenhoek (1975)41(3) p. 373-375. Refs. 16. English.

M 542 Prinsen, A.J.; Hittenhausen-Gelderblom, R. & Kennedy, W.B.H. (Keuringsdienst van Waren, Amsterdam).(Chemical analysis of cognac. 2. identification and quantitative determination of 1,1-diethoxyethane in a number of reference samples.) Chemische analyse van cognac. 2. identifikatie en kwantitatieve bepaling van 1,1-diethoxyethaan in een aantal referentiemonsters. De Warenchemicus (1976)6(4) p. 132-136. Dutch.

M 543 Put, H.M.C. (Thomassen & Drijver, Deventer) et al. Heat resistance studies on yeast spp. causing spoilage in soft drinks. The Journal of Applied Biology (1976)40(2) p. 135-152. Refs. p. 148-152. English.

M 544 Reith, J.F.; Engelsma, J.W. & Ditmarsch, W.C. van. (RUU). (Levels of the daily uptake of lead and zinc through nutrition in the Netherlands and its toxicological evaluation.) Niveaus van de dagelijkse opneming van lood en zink via de voeding in Nederland en de toxicologische beoordeling hiervan. Voeding (1976)37(9) p. 498-507. Refs. 32. Dutch, with English and Dutch summaries.

M 545 Schogt, J.C.M. (URL). (The use of soybeans in foods.) Het gebruik van de sojaboon in levensmiddelen. Landbouwkundig Tijdschrift (1976)88(9) p. 280-285. Dutch.

M 546 Tuynenburg Muys, G. (URL). Microbial safety stability of food products. Antonie van Leeuwenhoek (1975)41(3) p. 369-371. Refs.4. English.

M 547 Verheij, C.P.; Bolle, A.C. & Langeveld, L.P.M. (NIZO). Test of a pneumatically operated stop-valve for aseptic production lines in the food industry, type SRC, made by Alfa-Laval AB, Lund (Sweden). NIZO-Rapporten no. R 104, Ede, 1976. pp. 19. English, with English and Dutch summaries.

M 548 Vor, H. de. (RUU). (An investigation into the reproducability of a_w-values, measured with a'Lufft a_w-Wert-Messer", model 5803 - water activity in foodstuffs.) Een onderzoek naar de reproduceerbaarheid van a_w-waarden, gemeten met behulp van een'Lufft a_w-Wert Messer", model 5803. Voedingsmiddelentechnologie (1976) 9(36) p. 10-11. Refs. 16. Dutch.

M 549 Wijn, J.F. de. (CIVO). (Changes in the feeding pattern in the last decennia.) Veranderingen van het voedingspatroon in de laatste decennia. Voeding (1976)37(4) p. 184-191. Refs. 10. Dutch.

PROCESSING, TECHNOLOGY

(Also Nos M 1, 64, 109, 124, 134, 177, 223, 225, [illegible], [illegible], [illegible], 265, 270, 272, 276, 278, 305, 313, 317, 338, 340, [illegible], 371, 372, 379, 380, 397, 409, 481, 490, 495, 497, 501, 502, 506, 509, [illegible], 540)

M 550 Blauw, Y.H.; Keller, G.H.M.; Kouwenhoven, T. & Theunissen, T.J.J.M. (LHAVO). (A comparative study of the effect of different ways of preparing vegetables and potatoes on the retention of nutritional value and sensoric properties.) Een vergelijkend onderzoek naar de invloed van de verschillende bereidingswijzen van groenten en aardappelen voor het behoud van voedingswaarde en sensorische eigenschappen. Voeding (1976)37(6) p. 298-314. **Refs. 16. Dutch.**

M 551 Blok, J. (NV Centrale Suikermaatschappij, Breda) & Poel, P.W. van der. (Sugar and non-sugars extraction. Optimalization of the parameters: draft and sugar losses.) Extraction du sucre et des non-sucres. Optimalisation des paramètres: soutirage et pertes en sucre. La Sucrerie Belge (1976)95(4) p. 131-141. Refs. 13. **French, with English summary.**

M 552 Bock, L.J.R. de. (Grenco, 's-Hertogenbosch). (Horizontal continuous platefreezer.) Horizontale continu platenvriezer. Voedingsmiddelentechnologie (1976)8(48) p. 14-15. Dutch.

M 553 Bouwes, A.A. (FAO, Rome. Dairy Committee of the Industry Cooperative Programme). The role of industry in promoting the production and processing of food in developing countries. Netherlands Milk and Dairy Journal (1976)30(2) p. 145-148. **English.**

M 554 Broers, J.N. (THD); Lemkowitz, S.M. & Berg, P.J. van den. Densities of urea-ammonia-water-carbon dioxide solutions in chemical equilibrium at and above urea synthesis conditions. Journal of Applied Chemistry and Biotechnology (1975)25(10) **p. 769-779. Refs. 28. English.**

M 555 Eggink, H.J. (Gemeensch. Techn. Dienst Oost-Brabant, Boxtel). (Our water VI. Water quality and water pollution.) Ons water VI. Waterkwaliteit en waterverontreiniging. Tijdschrift Vereniging Koninklijke Nederlandsche Heidemaatschappij (1976)87(12) **p. 453-471. Refs. 12. Dutch.**

M 556 Hiele, T. van. (SI). (Refrigerated transport.) Gekoeld transport. Voedingsmiddelentechnologie (1976)9(40) p. 13-15. Refs. 9. Dutch, with English and Dutch summaries.

M 557 Huizinga, L.J. (Gemeente Waterleiding, Amsterdam). (The Rhine pollution and the supply of drinking-water.) De Rijnvervuiling en de drinkwatervoorziening. Maatschappijbelangen (1976)(12) p. [illegible]. **Dutch.**

M 558 Kim, J.C. & Theloosen, W. (IGMB). (Deepfreezing of crisp breads.) Het diepvriezen van krokante broodsoorten. Voedingsmiddelentechnologie (1976)9(14) p. 8-9. Dutch.

M 559 Klopper, W.J. (NIBEM) & Vermeire, H.A. (Determination of the optimal malt quality with a fluid bed dryer.) Bepaling van de optimale moutkwaliteit met behulp van een "fluid-bed"-droger. Voedingsmiddelentechnologie (1975)v.8(34) p. 15-17. Dutch, with Dutch, German and French summaries.

M 560 Klopper, W.J. (NIBEM). (The use of titanium dioxide as a catalyst in the Kjeldahl determination of total nitrogen of barley, malt and beer.) Het gebruik van titaniumdioxyde als katalysator in de Kjeldahlbepaling van het totale stikstofgehalte van gerst, mout en bier. Voedingsmiddelentechnologie (1976)9(42) p. 14-15. Dutch, with German, English, French and Dutch summaries.

M 561 Knobbout, J.A. (TNO). (Where are we going with energy?) Waar gaan wij met de energie naar toe? Voedingsmiddelentechnologie (1976)9(37) p. 9-16. Refs. 7. Dutch.

M 562 Steinbuch, E. (SI). (Pretreatment and wastewater problems in the industrial processing of vegetables and fruit.) Voorbewerking en afvalwaterproblemen bij de industriële verwerking van groente en fruit. Mededelingen Sprenger Instituut no. 34, Wageningen, 1976. pp. 58. Refs. 22. Dutch.

TOWN AND COUNTRY PLANNING (LANDSCAPE ARCHITECTURE, RECREATION ETC.)

(Also Nos M 68, 69, 128, 162, 283, 299, 306, 314, 342 and 580a)

M 563 Bakker, J.G. (ICW). (Three years of investigation on beach basins; conclusion.) Drie jaar onderzoek op strandbaden (slot). Recreatievoorzieningen (1975)7(9) p. 377-382. Refs. p. 382. Dutch.

M 564 Bakker, J.G. (ICW). (The recreational use of the "Reeuwijkse Plassen" and the "Rottemeren" on a summerly sunday.) Het recreatief gebruik van de Reeuwijkse Plassen en de Rottemeren op een zomerse zondag. Recreatievoorzieningen (1976)8(6) p. 256-259. Refs. 4. Dutch.

M 565 Dekker, K.M. (LEI). (Agriculture and landscape in zoning plans of rural areas.) Landbouw en landschap in bestemmingen buitengebied. LEI-Mededelingen nr. 142, Den Haag, 1976. pp. 21. Refs. 5. Dutch. Repr.: Stedebouw en Volkshuisvesting (1976)57(1).

M 566 Franssens, D.H. (LB). (Agriculture and landscape-parks. 1.). De landbouw en de drie groene nota's. Plan (1976)7(9) p. 17-27. Dutch, with English and Dutch summaries. (See also M 577).

M 567 Katteler, H.A. (KUN). (Recreation outside the dwelling site.) Recreëren buiten de woonkern. Recreatievoorzieningen (1976)8(6) p. 246-253. Dutch.

M 568 Koopman, J.M. (CD). (Interim note on the Land Division Act - Netherlands.) De interim-nota Landinrichtingswet. Cultuurtechnisch Tijdschrift (1976)16(2) p. 53-60. Dutch.

M 569 Mulder, A. (CPOT). (The policy of control of pests, diseases and weeds in public parks.) Beheersbeleid bij de bestrijding van ziekten, plagen en onkruiden in openbaar groen. Landbouwkundig Tijdschrift (1976)88(4) p. 90-93. Refs. 7. Dutch, with Dutch summary.

M 570 Oostra, A.D. (Hoofdingenieur-directeur voor de Landinrichting, Engelse Kamp 6, Groningen (Netherlands)). (Land division - Necessary renewal in the province of Groningen - Netherlands.) Landinrichting - Noodzakelijke vernieuwing in Groningen. Tijdschrift Vereniging Koninklijke Nederlandsche Heide Maatschappij (1976)87(10) p. 362-374. Dutch.

M 571 Otto, W.M. (RIJ, DLIV). Development of new land and new towns on the bottom of the sea - in the Netherlands. Land and Water International (Netherlands) (1976)no. 31. p. 6-14. Refs. 7. English.

M 572 Soet, F. de (RIN). (The value of river forelands. An ecological survey and evaluation of the river forelands of Yssel, Rhine, Waal and Maas (Netherlands).) De waarden van de uiterwaarden. Een milieukartering en -waardering van de uiterwaarden van IJssel, Rijn, Waal en Maas. Pudoc, Wageningen, 1976. pp. 89. Refs. 34. Maps. Dutch, with English and Dutch summaries. ISBN 90 220 0604 2. Price ca. ƒ 50,--.

M 573 (Spatial planning on the local level. Capita selecta 1974-1975.) (LHABB). De ruimtelijke planning op het locale niveau. Capita selecta 1974-1975. Landbouwhogeschool, Wageningen, 1976. pp. 108. Dutch.

M 574 (Scenic and botanical values in the "Verenigde Braakmanpolders" - Netherlands.) (Stichting Zeeuws Coördinatieorgaan voor Natuur-, Landschaps- en Milieubescherming, Kloetinge; Z.). Landschappelijke en natuurwetenschappelijke waarden in de "Verenigde Braakmanpolders". Stichting Zeeuws Coördinatieorgaan voor Natuur-, Landschaps- en Milieubescherming, Kloetinge, 1975. pp. 55. Refs. 20. Dutch.

M 575 (State Service for Town and Country Planning. Annual report 1975.) (RPD). Rijksplanologische Dienst. Jaarverslag 1975. Staatsuitgeverij. The Hague, 1976. pp. 244. Dutch. ISBN 90 12 01234 1.

M 576 Tjoonk, L. (LEI). (Designation plans and their significance for land utilization and the change of production circumstances.) Bestemmingsplannen en hun betekenis voor grondgebruik en verandering van cultuurtechnische produktieomstandigheden. Publikaties - LEI no. 2.81, Den Haag, 1976. pp. 76. Dutch, with Dutch summary.

M 577 Veldman, J. (RUU). (Recreation and landscape-parks, 2.). Landbouw en landschapsparken. Plan (1976)7(9) p. 28-35. Refs. 9. Dutch, with English summary. (See also M 566).

M 578 Vendrik, A.J. (CD). (Use and dimensioning of recreative cycling paths.) Gebruik en dimensionering van recreatieve fietspaden. Recreatievoorzieningen (1975)7(9) p. 392-394. Refs. 4. Dutch, with English summary.

M 579 Zuidema, F.C. (RIJ). (Urbanization and hydrological regime.) Verstedelijking en hydrologisch regiem. Rijksdienst voor de IJsselmeerpolders, Overdruk Nr. 111, Lelystad, 1976. pp. 7. Refs. 12. Dutch. Repr.: Nieuwsbrief Hydrologische Kring, spec. number june, 1976.

WILD ANIMALS, HUNTING, FISHERIES, FISH BREEDING ETC.

(Also Nos M 202, 552, 580)

M 580 Albus, H. (GUA), Groot, J.A. & Siegenbeek van Heukelom, J. Effects of serosally added sugars on the transepithelial electrical properties of the perfused goldfish intestine. Pflügers Archiv (1976)365(1) p. 1-6. Refs. 34. English.

M 580a Doude van Troostwijk, W.J. (RIN). (Hunting and hunters.) Jacht en jagers. Recreatievoorzieningen (1976)8(5) p. 218-222. Refs. 25. Dutch, with English summary.

M 581 Elshoud-Oldenhave, M.J.W. (LHAD) & Osse, J.W.M. Functional morphology of the feeding system in the ruff- Gymnocephalus cernua (L. 1758) - (Teleostei, Percidae). Journal of Morphology (1976)150(2) p. 399-422. Refs. p. 421-422. English.

M 582 Huisman, E.A. (LHAF). (Productivity and possibilities for production in the aquatic environment.) Produktiviteit van en produktiemogelijkheden in het aquatisch milieu. Landbouwkundig Tijdschrift (1976)88(7) p. 238-242. Refs. 14. Dutch.

M 583 Nijssen, H. (GUA) & Groot, S.J. de. (The Freshwater fishes of the Netherlands.) Zoetwatervissen. Wetenschappelijke mededelingen KNNV (1975)(108) pp. 44. Refs. 12. Dutch, with English summary. Price *ƒ* 6,75.

M 584 Rijneveld, R.; Smit, J. & Wilde, J.W. de. (LEI). (Economic effects of different quota-regimes for North Sea herring on the Dutch middle-water fisheries.) Economische effecten van verschillende quoteringsregimes voor haring. Mededelingen - LEI no. 141, Den Haag, 1976. pp. 40. Dutch, with English summary.

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PREFACE

COLLABORATION

In recent years, much has been said and written about collaboration in Wageningen, in particular between the Agricultural University and the many agricultural research institutions.

From outside Wageningen, it is often far from clear how agricultural science is organized in Wageningen, and we are all lumped together as 'Wageningen' or 'the Agricultural University' without any awareness that the University is only part of the scientific potential.

The main work of the University is, of course, education, but it also does a considerable amount of research. Of the total of 3100 agricultural research projects registered currently in the Netherlands, a good 500 are at the University.

Most of the other research institutions are organized as trusts (stichtingen). Like the University, they are largely financed by the Ministry of Agriculture and Fisheries.

There are many personal contacts, and professors, for instance, are on the management boards of many of the trusts. There are various mixed working groups. But this is all rather opportunist. The Ministry of Agriculture has therefore encouraged more formal collaboration and has set up various committees, of which the latest reported last year.

One aspect was collaboration between the University Library and the Centre for Agricultural Publishing and Documentation (Pudoc). This became acute through the need for a new library building. At the moment, Pudoc and the Library are in different parts of the town but in view of the various tasks in which the two collaborate it is in the interests of both to work together under a common roof.

Happily the governing bodies of Pudoc and the University reached agreement in April for the establishment of a centre for scientific information. The crux of the agreement is that both bodies bear responsibility for construction of a common building and credit has been made available. The tasks and functions of the Library and Pudoc must now be established in line wit a paper prepared by the National Council for Agricultural Research in February 1977 and with the report of the joint commission on scientific information in Wageningen (COWI), completed last year.

There is of course still much to be done, but the first steps have been taken. We are hopeful that collaboration will become a reality in a few year

G. Koster
Head of Documentation &
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(Also No M 654)

M 585 Fuchs, J.J.K. & Wamsteker-Meijer, A. (RUL). (Automation in the library of the Leyden University.) Automatisering in de Leidse Universiteitsbibliotheek. Open (1976)8(12) p. 582-590. Dutch.

M 586 Mackenzie Owen, J.S. (Stichting Nijenrode, Instituut voor Bedrijfskunde, Breukelen, U.). (Bibliographic information in the Netherlands within the framework of a Dutch Bibliographical Centre.) Bibliografische informatieverzorging in Nederland in het kader van een Nederlands Bibliografisch Centrum. Open (1977)9(3) p. 114-125. Diagrams 10. Dutch, with English summary.

M 587 Maltha, D.J. (PUDOC). Technical literature search and the written report. Pitman Publishing Co. London, San Francisco, Melbourne, 1976. pp. 175. English. ISBN 0 273 00399 2. Price £ 5,--.

Social sciences (advice, education, insurance, migration, public relations etc.)

(Also Nos M 768, 926, 1025, 1030, 1038, 1333)

M 588 Jansen, A.J. (LHAS). (Integration of agriculture and society: elements for a constructive dialogue.) Integratie van landbouw en samenleving: elementen voor een constructieve dialoog. Landbouwkundig Tijdschrift (1976)88(11) p. 345-350. Dutch, with Dutch summary.

M 589 Nooij, A.T.J. (LHAS). (Protest and political participation in agriculture.) Protest en politieke participatie in de landbouw. Sociologische Gids (1976)23(6) p. 363-374. Refs. 15. Dutch.

M 590 Poel, J.M.G. van der. (LHAAG). (Agricultural education in the Netherlands until 1918. A bibliography.) Het landbouwonderwijs in Nederland tot 1918. Een beknopt bibliografisch vademecum. Pudoc, Wageningen, 1976. pp. 152. Bibliography. Dutch. ISBN 90 220 0599 2.

M 591 Poel, J.M.G. van der. (LHAAG). (Agricultural primers for elementary schools in the nineteenth century.) Landbouw-leerboekjes voor de lagere school uit de negentiende eeuw. Pudoc, Wageningen, 1976. pp. 88. Refs. 20. Dutch. ISBN 90 220 0598 4. Price ƒ 8,50.

M 592 Roessingh, H.K. (LHAAG). (A sketch of the development of the Agricultural University of Wageningen - Netherlands.) Schets van het ontstaan van de Landbouwhogeschool te Wageningen. Landbouwhogeschool, Vakgroep Agrarische Geschiedenis, Wageningen, 1976. pp. 26. Refs. 40. Dutch.

M 593 Segeren, W.A. (THD), (RIJ) & Verhoeven, B. (International education in land improvement and related study faculty in the Netherlands.) Internationaal onderwijs in cultuurtechniek en aanverwante studierichting in Nederland. Landbouwkundig Tijdschrift (1976)88(2) p. 37-40. Dutch.

M 594 Spierings, C.J.M. (LEI). (Change of occupation: with or without rehabilitation.) Beroepsverandering: met of zonder omscholing. Publikaties - LEI no. 2.78, The Hague, 1976. pp. 40. Refs. 11. Dutch. Price ƒ 5,50.

Economics, trade

(Also Nos M 604, 754, 776, 779, 890, 998, 1010, 1056, 1060, 1066, 1075, 1078, 1112, 1137, 1162, 1163, 1174, 1175, 1289, 1315, 1317, 1323, 1340, 1360, 1402)

M 595 Bakker, J.P. (PGF). (Co-operation of glass horticulture enterprises.) Samenwerking van glastuinbouwbedrijven. Proefstation voor de Groente- en Fruitteelt onder glas en Consulentschap voor de Tuinbouw, Informatiereeks no. 30. Naaldwijk, 1975. pp. 23. Refs. 30. Dutch. Price ƒ 4,--.

M 596 Bos, J. (Direktiebeheer landbouwgronden, Maliebaan 21, Utrecht). (Recent developments at the - Dutch - Soil Bank.) Recente ontwikkelingen bij de grondbank. Landbouwkundig Tijdschrift pt (1977)89(1) p. 22-27. Refs. 5. Dutch.

M 597 Chevalier, L.R. (LEI). (The export of Dutch nursery stock in the period 1964-1974.) De export van Nederlandse boomkwekerijprodukten in de periode 1964-1974. Bedrijfsontwikkeling (1976)7(2) p. 131-135. Dutch.

M 598 Kleijn, F.H.J.M. de. (Quality seen from marketing science - fruit.) Kwaliteit bezien vanuit de marktkunde. De Fruitteelt (1976)66(Kerstnummer) p. 1322-1334. Refs. 6. Dutch.

M 599 Meiden, H.A. van der. (KNHM). (Development of the poplar wood market.) Ontwikkelingen op de populierenhoutmarkt. Samenvatting van de resultaten van een internationaal onderzoek. Populier (1976)13(4) p. 55-60. Dutch, with English summary.

Political science

(Also Nos M 589, 704, 828, 829, 996, 1271, 1366, 1369)

M 600 Cohen, R. (RUU). (The co-operation between socialist parties within the framework of the European Community, 1952-1972 - agrarian policy included.) De samenwerking van de socialistische partijen in het kader van de Europese Gemeenschap, 1952-1972. Doctoral thesis, Utrecht, 1974. pp. 166. Refs. p. 155-162. Dutch. English summary.

Atomic sciences

(See Nos M 699, 706, 717, 720, 898, 902, 1283)

Mathematics

(Also Nos M 612, 815, 831, 842, 843, 903, 1048)

M 601 Corsten, L.C.A. (LHAWK) & Gabriel, K.R. Graphical exploration in comparing variance matrices - rainfall data. Biometrics (1976)32(4) p. 851-863. Refs. 23. English, with French summary.

Physics, biophysics

(Also Nos M 601, 611, 643, 646, 750, 807, 809, 851, 854, 860, 877, 883, 913, 941, 958, 973, 1082, 1094, 1098, 1126, 1261, 1262, 1291, 1294, 1301, 1361, 1367)

M 602 Benda, H.A. (MLV). (In view of the weather; weather, climate and food supply.) Gezien het weer; weer, klimaat en voedselvoorziening. Ministerie van Landbouw en Visserij, The Hague, 1976. pp. 102. Refs. 13. Dutch. ISBN 90 12 01405 0.

M 603 Kouwenhoven, J.K. (LHALBW) & Terpstra, R. Effect of sphere diameter on the mechanical behaviour of glass spheres. Journal of Agricultural Engineering Research (1975)20(4) p. 363-378. Refs. 26. English.

M 604 Meijn, S.J. (Crayenesterlaan 48, Haarlem). (Dryness.) Droogte. Bèta (1976)12(21) p. 5-7. Refs. 3. Dutch.

M 605 (Precipitation 1975.) (KNMI). Regenwaarnemingen 1975. Koninklijk Nederlands Meteorologisch Instituut, De Bilt. (1976)(117) XIX, pp. 124. Dutch and English. Price ƒ 10,--.

M 606 Stigter, C.J.; Lengkeek, J.G. & Kooijman, J. (LHANW). A simple worst case analysis for estimation of correct scanning rate in a micrometeorological experiment. Netherlands Journal of Agricultural Science (1976)24(1) p. 3-16. Refs. 44. English, with English summary.

Chemistry, biochemistry

(Also Nos M 621, 622, 627, 636, 638, 641, 644, 657, 658, 660, 665, 674, 677, 678, 680, 687, 700, 702, 730, 733, 739, 814, 821, 841, 846, 853, 894, 900, 908, 923, 924, 928, 929, 930, 931, 944, 950, 957, 958, 963, 969, 972, 973, 980, 986, 988, 994, 995, 1011, 1026, 1090, 1097, 1110, 1118, 1125, 1133, 1198, 1214, 1227, 1257, 1273, 1290, 1293, 1294, 1297, 1306, 1325, 1328, 1348, 1349)

M 607 Beeking, F.F.E. (IPS) (Presence of crystalline methionine in a soy protein.) Aanwezigheid van kristallijn methionine in een soyaproteine. Rapporten Instituut voor Pluimveeonderzoek no. 6975, Beekbergen, 1975. pp. 4. Dutch.

M 608 Golovnya, R.V., Noever de Brauw, M.C. ten (CIVO) & Garluzov, V.G. (Possibilities for identification of some sulphur compounds by standardless gas chromatography.) Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1060, Zeist, 1976. pp. 2. Refs. 5. Russian, with English summary. Repr. Izvestija Akademii Nauk SSSR Serija Himičeskaja (1975) no. 7.

M 609 Mulders, E.J., Kleipool, R.J.C. & Noever de Brauw, M.C. ten. (CIVO). 2-((methyldithio) methyl) furan: a characteristic aroma compound of white bread. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1063, Zeist, 1976. pp. 2. English. Repr.: Chemistry and Industry (1976)(17 July) p. 613-614.

M 610 Weurman, C. (CIVO). (Comparison of two methods for measuring bad smells.) Vergleich zweier Methoden für die Messung von Gerüchen. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1065, Zeist, 1976. pp. 6. German. Repr.: VDI-Berichte (1975)(226) p. 135-140.

Geology, meteorology

(Also Nos M 602, 605, 606, 629, 652, 751, 1033)

M 611 Floor, C. (Stichting Opleiding Leraren, Utrecht). (Hail - formation, nuisance, control.) Hagel. Natuur en Techniek (1976)44(11) p. 804-821. Refs. 4. Dutch.

M 612 Goudriaan, J. (LHATT). Crop micrometeorology; a simulation study. Doctoral thesis, Wageningen. 1977. Centre for Agricultural Publishing and Documentation (PUDOC). Wageningen, 1977. Series Simulation Monographs. pp. 249. Tables. Graphs. Refs. 90. English, with Dutch and English summaries. ISBN 90 220 0614 X. Price ƒ 37,50.

Biology

(Also Nos M 639, 686, 689, 704, 740, 816, 848, 854, 893, 896, 909, 931, 1035, 1055, 1256, 1272, 1274, 1275, 1283, 1284, 1287, 1292, 1299, 1304, 1308, 1309, 1334, 1353, 1354)

M 613 Bont, J.A.M. de. (LHAM). (Nitrogen-fixing methane-utilizing bacteria.) Doctoral thesis, Wageningen, 1976. pp. 63. Refs. 116. English, with English and Dutch summaries.

M 614 Bont, J.A.M. de. (LHAM). Nitrogen fixation by methane-utilizing bacteria. Antonie van Leeuwenhoek (1976)42(3) p. 245-253. Refs. 8. English.

M 615 Bont, J.A.M. de. (LHAM). Hydrogenase activity in nitrogen-fixing methane-oxidizing bacteria. Antonie van Leeuwenhoek (1976)42(3) p. 255-259. Refs. 12. English.

M 616 Bont, J.A.M. de & Albers, R.A.J.M. (LHAM). Microbial metabolism of ethylene. Antonie van Leeuwenhoek (1976)42(1) p. 73-80. Refs. 16. English, with English summary.

M 617 Critical evaluation of systems analysis in ecosystems research and management. (Arnold, G.W. & Wit, C.T. de., editors). First International Congress of Ecology. The Hague (Netherlands). 9 - 14 Sept. 1974. Pudoc, Wageningen, 1976. pp. 108. English. ISBN 90 220 0593 3. Price ƒ 20,--.

M 618 Embden, J.D.A. van. (RIV). (Gene manipulation.) Sleutelen met genen. Biotechniek(1976)15(10) p. 185-191. Refs. 5. Dutch.

M 619 Exterkate, F.A. (NIZO). The proteolytic system of a slow lactic-acid-producing variant of Streptococcus cremoris HP. Netherlands Milk and Dairy Journal (1976)30(1) p. 3-8. Refs. 9. English, with English and Dutch summaries.

M 620 Groot, B. de. (RUL). (In vitro construction of recombinant DNA molecules: a new development in genetics.) Kunstmatig recombinante DNA-moleculen: een nieuwe ontwikkeling in de genetica. Tijdschrift voor Diergeneeskunde (1976)101(24) p. 1364-1370. Dutch, with English and Dutch summaries.

M 621 Krul, J.M. (LHAM). Dissimilatory nitrate and nitrite reduction under aerobic conditions by an aerobically and anaerobically grown Alcaligenes sp. and by activated sludge. The Journal of Applied Bacteriology (1976)40(3) p. 245-260. Refs. 17. English.

M 622 Kuyper, C.M.A. (KUN). (The cell metabolism. The chemical happening in the cell.) De celstofwisseling. Het chemisch gebeuren in de cel. Natuur en Techniek (1976)44(11) p. 784-803. Refs. 2. Dutch.

M 623 Middelhoven, W.J. (LHAM) et al. The substrate constant for the ammonium ion of growing Saccharomyces cerevisiae. Antonie van Leeuwenhoek (1976)42(3) p. 293-297. Refs. 15. English.

M 624 Mossel, D.A.A. (RUUFD); Vor, H. de & Eelderink, I. A further simplified procedure for the detection of Pseudomonas aeruginosa in contaminated aqueous substrata. The Journal of Applied Bacteriology (1976)41(2) p. 307-309. Refs. 9. English.

M 625 Mulder, E.G. (LHAM). Physiology and ecology of free-living, nitrogen-fixing bacteria. International Biological Programme 6, pp. 471. ISBN 0 521 20708 8; Nitrogen fixation by free-living micro-organisms; Cambridge University Press, 1975. p. 3-28. Refs. 62. English.

M 626 Oomen, H.A.P.C. (KIT). (Vitamin A.) Vitamine A. Natuur en Techniek (1976)44(10) p. 730-745. Refs. 6. Dutch.

M 627 Pikaar, N.A. (RIV). (Cholic acids.) Galzuren, metabolisme en pathologie. Dutch. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1074, Zeist, 1976. pp. 7. Dutch. Repr.: Ned. Tijdschrift voor Diëtisten (1976)31(7) p. 237-243.

M 628 Schirm, J. (RUG). Isolation and identification of vitellogenin polysomes. Doctoral thesis, Groningen, 1975. pp. 81. Refs. 145. English, with English and Dutch summaries.

M 629 Veer, M. van der. (Ankh-Hermes BV, Deventer). (Psychotronics - incl. Kirian-photography, pyramide force, biometeorology.) Psychotronica. Uitgeverij Ankh-Hermes BV, Deventer, 1975. pp. 192. Refs. p. 183-192. Dutch. ISBN 90 202 4832 4.

Botany

(Also Nos M 612, 673, 696, 697, 755, 761, 772, 822, 861, 865, 866, 873, 900, 954, 960, 961, 968, 977, 1002, 1009, 1016, 1022, 1027, 1039, 1043, 1048, 1070a, 1076, 1085, 1086, 1091, 1098, 1104, 1108, 1114, 1117, 1118, 1122, 1124, 1125, 1126, 1138, 1139, 1141, 1144, 1153, 1157, 1170, 1172, 1269)

M 630 Adema, F. & Mennema, J. (RUL). (Against a new Juncus for the Netherlands.) Wederom een nieuwe Juncus voor Nederland. Gorteria (1976)8(5) p. 77-80. Refs. 12. Dutch, with English summary.

M 631 Arx, J.A. von (CBSC) & Walt, J.P. van der. The ascigerous state of Candida chodatii. Antonie van Leeuwenhoek (1976)42(3) p. 309-314. Refs. 11. English.

M 632 Barkman, J.J. (LHBSW); Moravec, J. & Rauschert, S. Code of phytosociological nomenclature. Vegetatio (1976)32(3) p. 131-185. German, English and French.

M 633 Bos, C.J. (LHAEL). (Playing with genes - including cell cultures.) Spelen met genen. Groenten en Fruit-Kerstnummer (1976)32(23) p. K7, K9. Dutch.

M 634 Braakhekke, W.G. & Braakhekke-Ilsink, E.I. (KUN). (Nitrophilous edge plant communities in the S.E. Netherlands.) Nitrophile Saumgesellschaften im Südosten der Niederlande. Vegetatio (1976)32(1) p. 55-60. Refs. 19. German, with English summary.

M 635 Bruinsma, J. (LHAPO). (Hormonal harmony - physiology of horticultural crops.) Hormonale harmonie. Groenten en Fruit-Kerstnummer (1976)32(23) p. K10-K11, K13. Dutch.

M 636 Bruyn, J.W. de & Schneider, F. (IVT). (Poisonous plants in and around the house.) Giftige planten in en om huis. Balkema, Rotterdam, 1976. pp. 191. Refs. 15. Dutch. ISBN 90 6191 101 X.

M 636a Carbohydrate research in plants and animals. Papers dedicated to Dr. Blanche Gaillard on the occasion of her retirement. (LHAFD). Miscellaneous Papers - Landbouwhogeschool, Wageningen no. 12. Wageningen, 1976. pp. 145. Refs. English, with English summaries.

Selected papers:

M 637 Deinum, B. (LHALBG). Effect of age, leaf number and temperature on cell wall and digestibility of maize. p. 29-41. Refs. [illegible]. English.

M 638 Kooiman, P. (THD). Changes in the component monosaccharide ratios of galactomannans from leguminous seeds during maturation. p. 95-100. Refs. 9. English.

M 639 Prins, R.A. (RUUFD). Microbiological aspects of plant cell wall digestion in the rumen and cecum: some recent developments. p. 115-128. Refs. 52. English.

M 640 Daniels, F.J.A. (RUU) & Sipman, H.J. (Cetraria delisei, new for the Alps.) Cetraria delisei, neu für die Alpen. Herzogia (1976)4(1-2) p. 1-3. Refs. 9. German, with English summary.

M 641 Desmet, G. (ITAL); Ruyter, A. de & Ringoet, A. Absorption and metabolism of CrO_4^{2-} by isolated chloroplasts. Phytochemistry (1975)14(12) p. 2585-2588. Refs. 12. English.

M 642 Dop, A.J. & Vroman, M. (VUA). Observations on some interesting freshwater algae from the Netherlands. Acta Botanica Neerlandica (1976)25(5) p. 321-328. Refs. p. 327-328. English.

M 643 Duysers, L.N.M. (RUL). (Electron transport in photosynthesis.) Electronentransport in de fotosynthese. Magazine Chemisch Weekblad (1976)(52/53) p. 642-644. Dutch.

M 644 Ende, H. van den. (GUA). Sexual interactions in plants. The role of specific substances in sexual reproduction. Experimental Botany: An International Series of Monographs Volume 9. Academic Press. London, 1976. pp. 186. Refs. p. 159-182. English. ISBN 0 12 711250 2.

M 645 Geel, B. van. (GUA). Fossil spores of Zygnemataceae in ditches of a prehistoric settlement in Hoogkarspel (The Netherlands). Review of Palaeobotany and Palynology (1976)22(4) p. 337-344. Refs. p. 343-344. English.

M 646 Hoff, A.J. (RUL). (The triplet state in photosynthesis.) De triplettoestand in de fotosynthese. Chemisch Weekblad (1976)(52/53) p. 644-645. Dutch.

M 647 Hoog, G.S. de (CBSC) & Papendorf, M.C. The genus Phaeoisaria - on various plants. Persoonia (1976)8(4) p. 407-414. Refs. 11. English.

M 648 Ietswaart, J.H. (VUA). A new species of Origanum (Labiatae) from Libya. Acta Botanica Neerlandica (1975)24(3-4) p. 285-287. Refs. 2. English.

M 649 Jülich, W. (RUL). Studies in resupinate basidiomycetes - on grasses - IV. Persoonia (1976)8(4) p. 431-442. Refs. 9. English.

M 650 Kits van Waveren, E. (RUL). Redescription of Thodophyllus scabiosus (Fr.) Quél. - edible mushroom. Persoonia (1976)8(4) p. 459-467. Refs. 17. English.

M 651 Laar, H.J. van de. (PBO). (Naming of plants.) Benaming van planten. Groen (1976)32(12) p. 386-388. Dutch.

M 652 Lieth, H. & Maarel, E. van der. (KUN). Classifying and mapping the world's vegetation. Vegetation (1976)32(2) p. 73-74. Refs. 8. English.

M 653 Loon, J.C. van (RUU) & Oudemans, J.M.H. Chromosome numbers of some angiosperms of the southern USSR. Acta Botanica Neerlandica (1976)25(5) p. 329-336. Refs. 16. English.

M 654 Maarel, E. van der (KUN); Orlóci, L. & Pignatti, S. Data-processing in phytosociology, retrospect and anticipation. Vegetatio (1976)32(2) p. 65-72. Refs. 69. English, with German summary.

M 655 Meeuse, A.D.J. (GUA). Interpretative floral morphology of the Cyperaceae on the basis of the anthoid concept. Acta Botanica Neerlandica (1975)24(3-4) p. 291-304. Refs. 19. English.

M 656 Metz, B. (THD). From pulp to pellet. An engineering study on the morphology of moulds. Doctoral thesis, Delft, 1976. pp. 188. Refs. p. 179-183. English.

M 657 Middelhoven, W.J. (LHAM); Broekhuizen, B. & Eijk, J. van. Detection with the dye phloxine B, of yeast mutants unable to utiliz nitrogenous substances as the sole nitrogen source. Journal of Bacteriology (1976)128(3) p. 851-852. Refs. 8. English.

M 658 Niemann, G.J. (RUU); Visser-Simons, J.M.J. & Hart, H. 't. Flavonoids of some species of Sedum. Planta Medica (1976)29(4) p. 384-387. Refs. 18. English.

M 659 Pierik, R.L.M. (LHATPT). (Culturing plants in vitro.) Plantenteelt in kweekbuizen. Thieme en Cie, Zutphen, 1975. pp. 164. Refs. pp. 9. Dutch. ISBN 90 03 93250.

M 660 Plas, L.H.W. van der (VUA); Schoenmaker, G.S. & Gerbrandy, Sj.J. CN-resistent respiration in a Convolvulus arvensis L. cell culture. Plant Science Letters (1977)8(1) p. 31-33. Refs. 8. English.

M 661 (A review of the research on and the use of plant growth substances (TNO). Overzicht van het onderzoek over en de toepassing van plantenregulatoren. Commissie Plantenregulatoren, NRLO-TNO, Wageningen, 1976. pp. 23. Dutch.

M 662 Ruinen, J. (LHAM). Nitrogen fixation in the phyllosphere. International Biological Programme 6 pp. 471; Nitrogen fixation by free-living micro-organisms; Cambridge University Press, 1975. p. 85-100. Refs. 45. English. ISBN 0 521 20708 8.

M 663 Schipper, M.A.A. (CBSC) & Bekker-Holtman, J. Viability of lyophilized fungal cultures. Antonie van Leeuwenhoek (1976)42(3) p. 325-328. Refs. 6. English.

M 664 Sloet van Oldruitenborgh, C.J.M. (LHANB). (Dune chaparral in the - Dutch - dune area.) Duinstruwelen in het Deltagebied. Doctoral thesis, Wageningen, 1976. pp. 112. Refs. p. 108-111. Dutch, with English summary.

M 665 Snoeren, T.H.M. (NIZO) & Payens, T.A.J. On the sol-gel transition in solutions of kappacarrageenan. Biochimica et Biophysica Acta (G) - General Subjects (1976)437(1) p. 264-272. Refs. 30. English.

M 666 Sterk, A.A. (Hugo de Vries-Laboratorium, Amsterdam), (GUA). (Anacamptis pyramidalis near Wijk aan Zee - Netherlands.) Anacamptis pyramidalis bij Wijk aan Zee. Gorteria (1976)8(5) p. 81-85. Refs. 17. Dutch, with English summary.

M 667 Sterk, A.A. (GUA). Demographic studies of Anthyllis vulneraria L. in the Netherlands. Acta Botanica Neerlandica (1975)24(3-4) p. 315-337. Refs. 32. English.

M 668 Verbeek-Reuvers, A.A.M.L. (RUU). On the number of endoapertures per ectoaperture in colporate pollen grains. Pollen et Spores (1976)18(3) p. 377-384. Refs. 21. English.

M 669 Wessels, J.G.H. (RUG), Hoeksema, H.L. & Stemerding, D. Reversion of protoplasts from dikaryotic mycelium of Schizophyllum commune. Protoplasma (1976)89(3-4) p. 317-321. Refs. 13. English.

M 670 Weijman, A.C.M. (CBSC). Cell wall composition and taxonomy of Cephaloascus fragrans and some Ophiostomataceae. Antonie van Leeuwenhoek (1976)42(3) p. 311-324. Refs. p. 323-324. English.

Zoology

(Also Nos M 636, 759, 760, 812, 837, 889, 904, 905, 906, 907, 908, 910, 912, 914, 923, 938, 1028, 1036, 1051, 1213, 1242, 1312, 1313)

M 671 Batten, R. (Sprencklaan 3, Middelburg). Mordellidae (Coleoptera) from the South of France and the Pyrenees. Entomologische Berichten (1976)36(11) p. 164-171. Refs. 12. English.

M 672 Beintema, A.J. (RIN). (Biotope design for pasture birds - Netherlands.) Biotopgestaltung für Wiesenvögel. Schriftenreihe für Landschaftspflege und Naturschutz (1975)(12) p. 121-126. Refs. 3. German.

M 673 Brantjes, N.B.M. (KUN). Senses involved in the visiting of flowers by Cucullia umbratica (Noctuidae, Lepidoptera). Entomologia Experimentalis et Applicata (1976)20(1) p. 1-7. Refs. 13. English.

M 674 Broekhoven, L.W. van. (RUU). Determination of juvenile hormones in insects. Doctoral thesis, Utrecht, 1975. pp. 73. Refs. 11. English.

M 675 Doude van Troostwijk, W.J. (RIN). Age determination in musk-rats, Ondatra zibethicus (L.) in the Netherlands. Lutra (1976)18(3) p. 33-43. Refs. 20. English, with Dutch summary.

M 676 Drosopoulos, S. (LHAE). Triploid pseudogamous biotype of the leafhopper Muelerianella fairmairei. Nature (1976)263(5577) p. 499-500. English.

M 677 Gäde, G. (RUU) & Holwerda, D.A. Involvement of adenosine 3´: 5´-cyclic monophosphate in lipd mobilization in Locusta migratoria. Insect Biochemistry (1976)6(5) p. 535-540. Refs. 24. English.

M 678 Jong, G. de (RUU) & Scharloo, W. Environmental determination of selective significance or neutrality of amylase variants in Drosophila melanogaster. Genetics (1976)84(1) p. 77-94. Refs. 31. English.

M 679 Jong, H. de. (SBB). (On the management of meadow bird populations, also in relation to land development projects, peculiarly in North Holland). Over het beheer van weidevogelpopulaties, mede in relatie tot landinrichtingsprojecten in het bijzonder in Noord-Holland. Cultuurtechnisch Tijdschrift (1976)16(3) p. 97-113. Refs. 13. Dutch.

M 680 Mendelson, D. (RUL). The effect of caffeine on repair systems in oocytes of Drosophila melanogaster. III. Genetic analysis of factors controlling maternal repair in a repair-deficient strain of Drosophila melanogaster. Mutation Research (1976)37(2/3) p. 229-236. Refs. 7. English.

M 681 Putten, G. van. (IVO). The etho-piano, a new aid in ethological studies. Applied Animal Ethology (1976)2(4) p. 385-390. Refs. 5. English, with English summary.

M 682 Timmerman, A. (RIN). (Geese in the Netherlands. Conservation of foraging places international responsibility.) Ganzen in Nederland. Behoud pleisterplaatsen internationale verantwoordelijkheid. Natuur en Landschap (1976)30(5) p. 117-138. Refs. 7. Dutch.

M 683 Vogel, E. (RUL) & Sobels, F.H. (Mutagenicity testing with Drosophila as system for the detection of potential carcinogenes.) Mutagenitätsprüfung als Instrument zur Erfassung potentieller Carcinogene. Biologisches Zentralblatt (1976)95(4) p. 405-413. Refs. p. 412-413. German, with English summary.

M 684 Want, J.J.L. van der. (LHAV).& Sprey, Th.E. DNA content in imaginal disk cells of Calliphora erythrocephala (Meigen). Netherlands Journal of Zoology (1976)26(3) p. 432-434. Refs. 10. English.

APPLIED SCIENCES

PUBLIC HEALTH, ENVIRONMENTAL POLLUTION, NATURE CONSERVATION

(Also Nos M 621, 636, 672, 682, 683, 713, 744, 760, 790, 793, 819, 825, 827, 833, 840, 855, 859, 922, 972, 1055, 1257, 1272, 1295, 1298, 1320, 1331, 1339, 1340, 1346, 1349, 1351, 1354, 1359, 1361, 1387, 1392, 1394, 1397, 1399, 1401, 1402, 1406, 1412)

M 685 Bijl, L.A. (NIZO) et al. (Sound, noise nuisance and noise abatement - in the dairy industry.) Geluid, geluidshinder en lawaaibeheersing. NIZO-Mededelingen no. M10, Ede, 1976. pp. 55. Dutch, with English summary.

M 686 Doets, J.P. (CRM).Biogenetic reserves in the Netherlands. Naturopa (1976)(25) p. 16-20. English.

M 687 Lahmann, E. (RIV) et al. International comparison programme of sulphur dioxide and nitrogen dioxyde measurement in ambient air. Atmosphere Environment (1976)10(10) p. 835-839. Refs. 12. English.

M 688 Linskens, H.F. (PD). (Transplantation of moors. Report of an experiment in Switzerland.) Transplantatie van moerassen. Verslag van een experiment in Zwitserland. Vakblad voor Biologen (1976)56(14) p. 210-215. Refs. 5. Dutch.

M 689 Londo, G. (RIN). (The rise and fall of a dune lake.- Kennemerduinen, Netherlands.) Opgang en afgang van een duinmeer. De Levende Natuur (1975)78(12) p. 263-271. Refs. 6. Dutch, with English summary.

M 690 Luyken, R., Wijn, J.F. & Post, G.B. (IVO). Studies of adolescents in the Netherlands with special reference to training. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie Nr. 1053; Zeist, 1976. pp. 6. Refs. 23. English. Repr.: Chapter 12 - "Nutrient requirements in adolescence", ed. by J.L. McKigney and H.N. Munro. Cambridge enz., M.I.T. Press, 1976. XVIII, pp. 365. p. 223-238.

M 691 Maring, J. (IMAG). (Noise deafness - mostly feared occupational disease of the agrarian.) Lawaaidoofheid - meest gevreesde beroepsziekte van de agrariër. Bedrijfsvoering (1976)25(2) p. 44-47. Refs. 5. Dutch.

M 692 Meijers, A.P. (KIWA NV., Churchillaan 273, Rijswijk(Z.H.), & Leer, R.Chr. van der. The occurrence of organic micropollutants in the river Rhine and the river Maas in 1974. Water Research (1976)10(7) p. 597-604. English.

M 693 Oosterveld, P. (RIN). (Management and development of nature reserves by grazing.) Beheer en ontwikkeling van natuurreservaten door begrazing. Natuur en Landschap (1975)29(6) p. 161-171. Dutch, with Dutch summary.

M 694 Timmerman, A. (RIN). (Goose management in the Netherlands.) Gänsemanagement in den Niederlanden. Schriftenreihe für Landschaftspflege und Naturschutz (1975)(12) p. 127-133. Refs. 20. German.

M 695 Visscher, H.A. (Reeweg Oost 145, Dordrecht). (The Biesbosch - Netherlands, former tidal area - to be continued.) De Biesbosch (wordt vervolgd). Tijdschrift Vereniging Koninklijke Nederlandsche Heide Maatschappij (1977)88(1) p. 23-28. Dutch.

M 696 Westhoff, V. (KUN). (The depauperation of the Dutch vascular plant flora during the past 50 years and the contribution of nature reserves to its conservation.) Die Verarmung der niederländischen Gefässpflanzenflora in den letzten 50 Jahren und ihre teilweise Erhaltung in Naturreservaten. Schriftenreihe für Vegetationskunde (1976)(10) p. 63-73. Refs. 19. German, with English summary.

M 697 Wit, T. de. (RIN). (Lichen distribution in The Netherlands in relation to air pollution.) Flechtenverbreitung in den Niederlanden und ihre Abhängigkeit von der Luftverunreinigung. Schriftenreihe für Vegetationskunde (1976)(10) p. 169-176. Refs. 7. German, with English summary.

VETERINARY SCIENCE

(Also Nos M 746, 777, 924, 1184, 1185, 1203, 1214, 1218, 1219, 1221, 1249, 1251, 1268, 1286, 1310, 1327, 1355)

M 698 Binkhorst, G.J. (RUUFD). (The ataxiasyndrome in young horses.) Het ataxiesyndroom bij jonge paarden. Doctoral thesis, Utrecht. 1976. pp. 144. Refs. 140. Dutch, with English and Dutch summaries.

M 699 Binnerts, W.T. (LHAFD); Kapteyn, J.C. & Lindner, L. ^{67}Cu for metabolic studies in milk cows. Netherlands Journal of Agricultural Science (1976)24(3) p. 187-196. Refs. 17. English, with English summary.

M 700 Boekholt, H.A. (LHAFD). (Nitrogen metabolism of the lactating cow and the role of gluconeogenesis from amino acids.) De stikstofhuishouding van het melkrund en de betekenis van de gluconeo-

genese uit aminozuren. Doctoral thesis, Wageningen, 1976, pp. 2
Refs. pp. 14. Dutch, with English and Dutch summaries. Also
Mededelingen Landbouwhogeschool no. 76-10.

M 701 Calafat, J. (Nederlands Kanker Instituut, Amsterdam), Hageman, P.C. & Ressang, A.A. (CDIR). Virus-like particles in bovine ser for tissue culture. The Journal of General Virology (1976)33(1) p. 151-154. Refs. 11. English.

M 702 Dallenga, H.H.W. (Stationslaan 2, Loppersum). (Biochemical deviations in the blood of calves suffering from diarrhoea and their correction by means of a fluid therapy.) Biochemische afwijkingen in het bloed van kalveren met diarrhee en hun correctie door middel van vloeistoftherapie. Doctoral thesis, Utrecht, 1975. pp. 157. Refs. 75. Dutch, with English and Dutch summaries.

M 703 (Disturbance of the locomotion-system, in particular "leg weakness in pigs.) (IVO). Stoornissen van het locomotie-apparaat, in het bijzonder de leg weakness bij varkens. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. B 126, Zeist, 1976. pp. 56. Refs. 105. Dutch.

M 704 Dobbelaar, M.J. (Veeartsenijkundige Dienst, Kon. Julianaplein 3, 's-Gravenhage). (The Laboratory Animal Act.) De Wet op de Dierproeven. Tijdschrift voor Diergeneeskunde (1976)101(24) p. 1371-1374. Dutch, with English summary. Refs. on request.

M 705 Eikelenboom, G. (RUUFD). (Preliminary results of a study on the effect of a contagious foot-rot vaccine in sheep.) Voorlopig resultaat van een onderzoek naar het effect van een vaccin tegen rotkreupel bij schapen. Tijdschrift voor Diergeneeskunde (1976)101(21 p. 1207-1214. Refs. 15. Dutch, with English and Dutch summaries.

M 706 Flim, G.J. (RUG); Kolar, Z. & Arends, J. Diffusion of fluoride in bovine enamel. IRI-rapport 133-76-09. Delft, 1976. pp. 10. Refs. 10. English. Will be published in Journal of Dental Research (1976)55.

M 707 Gaag, I. van der (RUUFD); Kuiper, R. & Kroneman, J. (Oesophagotracheal fistula in a calf. Report of a case.) Een geval van een oesophago-tracheale fistel bij een kalf. Tijdschrift voor Diergeneeskunde (1976)101(7) p. 347-354. Refs. 15. Dutch, with English and Dutch summaries.

M 708 Grootenhuis, G. (CDIR). (Studies on mastitis in ten groups of female offspring - of AI bulls.) Mastitisonderzoek bij tien dochtergroepen. Tijdschrift voor Diergeneeskunde (1976)101(24) p. 1375-1377. Dutch, with English and Dutch summaries.

M 709 Gruys, E. (RUUFD); Kok, H.A.R. & Werf, Y.D. van der. (Dyspnoea due to intrathoriacic haemorrhage and haemangiosarcoma in a horse.) Benauwdheid door intrathoriacale verbloeding met haemangiosarcomen bij een paard. Tijdschrift voor Diergeneeskunde (1976)101(6) p. 310-312. Dutch, with English and Dutch summaries.

M 710 Holst, W. van der. (RUUFD). (Vesiculitis in two stallions.) Zaadblaasontsteking bij twee dekhengsten. Tijdschrift voor Diergeneeskunde (1976)101(7) p. 375-377. Refs. 6. Dutch, with English and Dutch summaries.

M 711 Hutschemaekers, L.W.H. (LHAVT). (Hygiene in the rearing of piglets. A study of the effect of hygiene and the bacterial content of drinking water and feed of baby pigs on a number of health and performance characteristics on pig-breeding farms.) Hygiene bij de biggenopfok. Een onderzoek naar de invloed van de hygiene en het bacteriegehalte van drinkwater en voeder van jonge biggen op enkele gezondheids- en produktiekenmerken op vermeerderingsbedrijven. Tijdschrift voor Diergeneeskunde (1976)101(7) p. 355-364. Refs. 18. Dutch, with English and Dutch summaries.

M 712 Ingh, T.S.G.A.M. van den. (RUUFD). Pathology and parthogenesis of Trypanosoma brucei brucei infection in the rabbit. Doctoral thesis, Utrecht, 1976. pp. 96. Refs. English, with English and Dutch summaries.

M 713 Kampelmacher, E.H. (RIV). (Veterinary medicine and public health.) Diergeneeskunde en volksgezondheid. Tijdschrift voor Diergeneeskunde (1977)102(1) p. 30-38. Dutch, with English and Dutch summaries.

M 714 Kan, C.A. (IPS). (A study of the possible influence of the load of organochloric insecticides of parents on perinatal death of chickens.) Onderzoek naar de mogelijke invloed van belasting van ouderdieren met organochloorinsecticiden op perinatale sterfte. Rapporten Instituut voor Pluimveeonderzoek no. 8975, Beekbergen, 1975. pp. 7. Dutch.

M 715 Kemp, A. (CABO) et al. Discolouration of the vaginal mucous membrane as aid in the prevention of nitrate poisoning in cattle. Stikstof - Dutch Nitrogen Fertilizer Review (1976)(19) p. 40-48. Refs. 12. English, with English summary.

M 716 Kemp, A. (CABO) et al. (Nitrate poisoning in cattle. 1: colour changes of the vaginae mucous membrane as an aid in the prevention of nitrate poisoning in cattle.) Nitraatvergiftiging bij rundvee. 1: kleurveranderingen van het schedeslijmvlies als hulpmiddel bij de preventie van nitraatvergiftiging bij rundvee. Stikstof (1976)7(82) p. 322-328. Refs. 12. Dutch, with Dutch summary.

M 717 Kruip, T.A.M. (RUUFD) & Uilenbroek, J.T.J. (Use of radio-immuno-assay of gonadotropic hormones in farm animals.) Toepassing van de radio-immunologische bepaling van gonadotrope hormonen bij landbouwhuisdieren. Tijdschrift voor Diergeneeskunde (1976)101(21) p. 1199-1206. Refs. 19. Dutch, with English and Dutch summaries.

M 718 Leeuwen, W. van. (RUUFD). Acyclicity and dyscyclicity in mares. Tijdschrift voor Diergeneeskunde (1977)102(2) p. 86-105. English, with English and Dutch summaries.

M 719 Merkens, H.W. (RUUFD). (Simple amputation above the coronet as a possible method of treatment in arthritis of the pedal point - in cattle.) Een eenvoudige amputatie boven de kroonrand als behandelingsmogelijkheid bij de arthritis van het klauwgewricht. Tijdschrift voor Diergeneeskunde (1976)101(13) p. 728-732. Refs. 5. Dutch, with English and Dutch summaries.

M 720 Mulder, R.W.A.W. (IPS). (Destruction of Salmonella in fresh and deepfrozen broiler chickens by gamma irradiation.) Destructie van Salmonella-kiemen bij verse en diepbevroren slachtkuikens door middel van gamma-bestraling. Tijdschrift voor Diergeneeskunde (1976)101(22) p. 1250-1256. Refs. 24. Dutch, with English and **Dutch summaries.**

M 721 Muurling, F. (Plantsoen 23, Leiden); Helder, A.W.; Roest, G. (Haaghuishof 5, Leiderdorp) & Kroll, O. (The presence of antibodies to IBR IPV Virus in cattle in the environs of Leyden (Netherlands).) Het voorkomen van antistoffen tegen IBR IPV bij runderen in de omgeving van Leiden. Tijdschrift voor Diergeneeskunde (1976)101(22) p. 1263-1264. Dutch, with English and Dutch summaries.

M 722 Oldenkamp, E.P. (Gist-Brocades NV, Delft) & Spanoghe, L. (Natamycin-S treatment of ringworm in cattle. Epidemiological aspects.) De behandeling van trichophytie van het rund met natamycine-S. Tijdschrift voor Diergeneeskunde (1976)101(22) p. 1242-1249. Refs. 10. Dutch, with English and Dutch summaries.

M 723 Ressang, A.A.; Mastenbroek, N. & Quak, J. (CDIR). (Enzootic bovine leukaemia. Diagnosis, distribution and control in the Netherlands.) Enzootische runderleukose (bovine leukemie). Diagnostiek, verspreiding en bestrijding in Nederland. Tijdschrift voor Diergeneeskunde (1976)101(13) p. 711-717. Refs. 15. Dutch, **with English and Dutch summaries.**

M 724 Smits, W.H. (SGP) et al. (The "vaccination reaction" syndrome of broilers after vaccination against Newcastle disease and infectious bronchitis.) Het syndroom "entreactie" bij slachtkuikens na enting tegen Newcastle disease en infectieuze bronchitis. Tijdschrift voor Diergeneeskunde (1976)101(12) p. 649-657. Dutch, with English and **Dutch summaries.**

M 725 Terpstra, C. (CDIL) & Krol, B. (Effect of heating on the survival of swine fever virus in pasteurized canned ham from experimentally infected animals.) Invloed van verwarming op de overleving van varkenspestvirus bij de bereiding van gepasteuriseerde ham in blik. Tijdschrift voor Diergeneeskunde (1976)101(22) p. 1237-1241. Refs. 10. Dutch, with English and Dutch summaries.

M 726 Terpstra, C. (CDIL). Experience with regional vaccination against swine fever in enzootic areas for limited periods using C-strain virus. Tijdschrift voor Diergeneeskunde (1977)102(2) p. 106-112. Refs. 5. English, with English and Dutch summaries.

M 727 Truijen, W.T. (Gezondheidsdienst voor Dieren in Noord-Brabant, Molenwijkseweg 48, Boxtel). (Pig health programmes and zootechnics.) Varkensgezondheidszorg en zootechniek. Tijdschrift voor Diergeneeskunde (1976)101(24) p. 1382-1385. Dutch, with **English and Dutch summaries.**

M 728 Verberne, L.R.M. (RUUFD) & Mirck, M.H. (A practical horse and pony health programme. 2. Prevention of parasitic and infectious disease.) Een praktisch gezondheidsprogramma voor paarden en pony's. 2. Preventie van parasitaire- en infectieziekten. Tijdschrift voor Diergeneeskunde (1976)101(21) p. 1189-1193. Refs. 9. Dutch, with English and Dutch summaries.

M 729 Vermeer, C.; Soute, B.A.M.; Govers-Riemslag, J. & Hemker, H.C. (Rijksuniversiteit Limburg, Maastricht, Biomedisch Centrum, Afdeling Biochemie). In vitro prothrombin synthesis from a purified precursor protein, 1: development of a bovine liver cell-free system. Biochimica et Biophysica Acta - General subjects (1976)444(3) p. 926-930. Refs. 8. English, with English summary.

M 730 Vermorken, A.J.M.; Hilderink, J.M.C.H.; Ven, W.J.M. van de & Bloemendal, H. (KUN). Isolation and translation of non-crystallin messenger RNA from calf lens. Biochimica et Biophysica Acta - Nucleic acids and protein synthesis (1976)454(3) p. 447-456. Refs. 18. English, with English summary.

M 731 Voets, M.; Hunneman, W. (Gezondheidsdienst voor Dieren in Noord-Brabant, Boxtel); Bok, A.M.F. de & Kieft, G. van de. (Some features of the control of atrophic rhinitis - in swine.) Enkele aspecten ten aanzien van de bestrijding van atrofische rhinitis. Tijdschrift voor Diergeneeskunde (1976)101(21) p. 1215-1218. Dutch, with English and Dutch summaries.

M 732 Vreman, K. (IVH). Aldrin, heptachlor and beta-hexachlorocyclohexane to dairy cows at three oral dosages, 1: residues in milk and body fat of cows early and late in lactation. Netherlands Journal of Agricultural Science (1976)24(3) p. 197-207. Refs. 8. English, with English summary.

M 733 Wezel, F.M. van; Slotboom, A.J. & Haas, G.H. de. (RUU). Studies on the role of methionine in porcine pancreatic phospholipase A2. Biochimica et Biophysica Acta - Enzymology (1976)452(1) p. 101-111. Refs. 45. English, with English summary.

M 734 Wielen, N.J.G.J. van der (RUUFD) et al. (Polyarthritis in calves.) Polyarthritis bij kalveren. Tijdschrift voor Diergeneeskunde (1976)101(6) p. 303-309. Refs. 15. Dutch, with English and Dutch summaries.

M 735 (Working group for the health practice. Facilities for the dairy herd health practice in cubicles.) (IMAG). Werkgroep 'Voorzieningen voor de Gezondheidszorg'. Voorzieningen voor de gezondheidszorg in ligboxenstallen. IMAG-publikaties no. 55. Wageningen, 1976. pp. 30. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 736 World Poultry Science Association; Goose Working Group. Goose Diseases Symposium, Doorn (Netherlands), 13 - 15 May 1974, organized by the Central Veterinary Institute, Poultry Department, Doorn. Centraal Diergeneeskundig Instituut, Afd. Pluimveeziekten, Doorn, ongedateerd (not dated), pp. 79. English.

Selected papers:

M 737 Jong,, W.A. de (C.D. Instituut, Afd. Pluimvee, Doorn). Some physical and chemical properties of the goose hepatitis virus. p. 21-23. English.

M 738 Yadin, H.(C.D. Instituut, Afd. Pluimvee, Doorn). Goose hepatitis virus vaccination of breeding geese. p. 69-75. English.

M 739 Zeegers, J.J.W. (RUUFD); Zeijst, B.A.M. van der & Horzinek, M.C. The structural proteins of equine arteritis virus. Virology (1976)73(1) p. 200-205. Refs. 18. English.

M 740 Zeijst, B.A.M. van der (RUUFD); Horzinek, M.C. & Moennig, V. The genome of equine arteritis virus. Virology (1975)68(2) p. 415-425. Refs. 33. English.

GENERAL AGRICULTURE

(Also Nos M 588, 600, 602, 604, 757, 915, 1342, 1379, 1386, 1403,

M 741 (Agriculture en route 1976.)(Provinciale Directie voor de Bedrijfsontwikkeling in Overijssel en de IJsselmeerpolders, Lange Nering 68-74, Emmeloord). Landbouw op weg 1976. Konsulentschap voor de Akkerbouw en de Rundveehouderij, Emmeloord, 1976. pp. 104. Dutch.

M 742 (Alternative agricultural systems. Inventory evaluation and recommendations for research.) Alternatieve landbouwmethoden. Inventarisatie, evaluatie en aanbevelingen voor onderzoek. Centre for Agricultural Publishing and Documentation (PUDOC). Wageningen, 1977. pp. 397. Refs. 987. Dutch. ISBN 90 220 0578 X. Price *ƒ* 45,70.

M 743 Bijkerk, C. (ICW). ("Agriculture and recreation"-summary of an introduction.) "Landbouw en recreatie". Recreatie (1976)14(8) p. 185-188. Refs. 9. Dutch.

M 744 (General environmental statistics - Netherlands, including agriculture, mainly animal husbandry and manures produced.) (CBS). Algemene milieustatistiek 1974. Staatsuitgeverij, The Hague, 1976. pp. 196. Dutch. Price *ƒ* 18,50. Eng. text can be obtained separately.

M 745 (Infrastructure in behalf of plant production.) (TNO). De onderbouwstructuur ten behoeve van de plantaardige produktie. Rapport van de Voorbereidingscommissie voor de Inrichting van de Afdeling Plantaardige Produktie. NRLO-TNO, The Hague, 1976. pp. 52. Dutch.

M 746 König, C.D.W. (Gezondheidsdienst voor Dieren in Gelderland, Rosendaalselaan 30, Rozendaal, Gld.). (Veterinary support of bovine farms.) Diergeneeskundige begeleiding van rundveebedrijven. Landbouwkundig Tijdschrift/pt (1977)89(1) p. 2-4. Dutch.

M 747 Linden, P. van der; Noord, F.M. de & Oosterveld, H.R. (LEI). (The position of agriculture and horticulture in Twente - Netherlands - now and in the future.) De positie van de land- en tuinbouw in Twente, nu en in de toekomst. Publikaties-LEI no. 2.75, The Hague, 1976. pp. 233. Refs. 49. Dutch, with Dutch summary. Price *ƒ* 21,--.

M 748 (List of current larger research projects at the Agricultural University of Wageningen.) Lijst van in gang zijnde "grotere" onderzoekprojekten aan de Landbouwhogeschool. Landbouwhogeschool, Wageningen, 1975. pp. 36. Dutch.

M 749 Maris, A. & Post, J.H. (LEI). (The development of Dutch agriculture after 1950.) Ontwikkelingsschets van de Nederlandse landbouw na 1950. LEI, The Hague, undated. pp. 49. Dutch.

M 750 Rutten, G. & Haans, J.C.F.M. (STIBOKA). (Structure vision Agri- and horticulture in the north of the country - Netherlands - Soils and hydrological inventarization.) Structuurvisie Land- en Tuinbouw noorden des lands. Stichting voor Bodemkartering, Rapport nr. 1227, Wageningen, 1976. pp. 18. Refs. 3. Dutch.

M 751 Zeven, A.C. (LHIVP). (Geographical aspects of the origin of cultivated plants.) Geografische aspecten van de herkomst van cultuurplanten. Landbouwkundig Tijdschrift (1976)88(3) p. 63-66. Refs. 35. Dutch.

TROPICAL SCIENCES (ALL SUBJECTS)

(Also Nos M 647, 680, 839, 1020)

M 752 Boerboom, J.H.A. (LHABT). (The maintenance of forest in the tropics.) De instandhouding van bos in de tropen. Nederlands Bosbouw Tijdschrift (1976)48(3) p. 66-76. Refs. 8. Dutch, with Dutch summary.

M 753 Boerboom, J.H.A. (LHABT). (Man in the tropical rain forest.) De mens in het tropisch regenwoud. Landbouwkundig Tijdschrift (1976)88(6a) p. 206-214. Dutch, with Dutch summary.

M 754 Bouman, F.J.A. & Harteveld, K. (LHARSN). The djanggi, a traditional form of saving and credit in West Cameroon. Sociologia Ruralis (1976)16(1) p. 103-119. Refs. 10. English, with German, English and French summaries.

M 755 Eimunjeze, V.E. (LHAPS). A revision of Hemandradenia stapf (Connaraceae). Mededelingen Landbouwhogeschool no. 76-9, Wageningen, 1976. pp. 34. Refs. 21. English.

M 756 Geus, J.G. de. (LBNS). Fertilizer use and quality with regard to tropical crops. 3. tropical grain crops. Stikstof - Dutch Nitrogen Fertilizer Review (1976)(19) p. 21-39. Refs. 77. English.

M 757 Heijnen, J.D. (RUU). (African agriculture, an uncertain perspective.) De Afrikaanse landbouw, een onzeker perspectief. Geografisch Tijdschrift (1976)10(3) p. 266-278. Refs. 9. Dutch.

M 758 International Society for Horticultural Science, The Hague. First International Symposium on Tropical and Subtropical Fruits. Lima (Peru) 8 - 14 Febr. 1976. I.S.H.S. The Hague, 1976. pp. 224. English, French and Polish.

M 759 Jong, R. de. (RUL). Affinities between the West Palaearctic and Ethiopian butterfly faunas. Tijdschrift voor Entomologie (1976)119(6) p. 165-215. Refs. 82. English.

M 760 Kortland, A. (GUA). Tree destruction by elephants in Tsavo National Park and the role of man in African ecosystems. Netherlands Journal of Zoology (1976)26(3) p. 449-451. Refs. 4. English. Extensive bibliography of 62 refs. available from the author on request.

M 761 Maas, P.J.M. (RUU). (Topics on Zingiberaceae.) Wetenswaardigheden over gemberachtigen (Zingiberaceae). Wachendorffia (1976)4(3) p. 32-36. Dutch.

M 762 Mulder, D. (LHAF). Plant disease problems in tropical and temperate fruitculture in Mexico. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 627-629. English.

M 763 Osifo, D.E. (Afrika-Studiecentrum, Stationsplein 10, Leiden) & Tempelman, A. The costs and returns of processing rough rice at Illushi, Mid-Western Nigeria. Mededelingen Afrika-Studiecentrum, Leiden, 1972. pp. 22. English. Price ƒ 2,50.

M 764 Polak, A. (KIT). Agrarian developments on Lombok - Indonesia. An attempt to test Geertz' concept of agricultural involution. Tropical Man (Netherlands). Yearbook Dept. of Social Research, Royal Tropical Institute, Amsterdam. Volume 5. 1976. p. 18-45. English. ISBN 90 04 04517 1.

M 765 Reynders, J.J. (RUU). (The soils of Western Africa.) De bodems van West-Afrika. Geografisch Tijdschrift (1976)10(3) p. 213-220. Refs. 26. Dutch, with English and Dutch summaries.

M 766 Rijn, P.J. van. (KIT). (Organization and planning of research on weed control in Senegal.) Organisatie en planning van onderzoek op het gebied van de onkruidbestrijding in Senegal. Gewasbescherming (1976)7(5) p. 115-118. Dutch.

M 767 Schoemaker, H.J. & Stuip, J. (THD). (Hydrological surveys in developing countries, illustrated by the Upang-project in Indonesia.) Waterloopkundige verkenningen in ontwikkelingslanden, geïllustreerd aan het Upang-projekt in Indonesië. Landbouwkundig Tijdschrift (1976)88(3) p. 71-78. Dutch, with Dutch summary.

M 768 Siegel, B.J. (KIT). Residence, households and kinship. Cattle-cotton estates of Northeastern Brazil. Tropical Man (Netherlands). Yearbook Dept. of Social Research, Royal Tropical Institute, Amsterdam. Vol. 5. 1976. p. 144-161. Refs. 11. English, with English summary. ISBN 90 04 04517 1.

M 769 Tempelman, A. (Afrika-Studiecentrum, Stationsplein 10, Leiden). Rice group farming in the Western State of Nigeria. Mededelingen Afrika-Studiecentrum, Leiden, 1972. pp. 62. Refs. 26. English. Price ƒ 2,50.

M 770 Tempelman, A. (Afrika Studiecentrum, Stationsplein 10, Leiden). The economics of rice milling in the Western state of Nigeria. Mededelingen Afrika-Studiecentrum, Leiden, 1972. pp. 18. English. Price ƒ 2,50.

M 771 Ticheler, J. (IPO). Possibility of insect control by sterile males in tropical agriculture. Mededelingen van de Fakulteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 421-425. Refs. 20. English.

M 772 Tjallingii, S.P. (THD). (The forest-savanna boundary in West-Africa, a landscape-ecological survey.) De bos-savannegrens in West-Afrika, een landschapsekologische verkenning. K.N.A.G.-Geografisch Tijdschrift, Nieuwe reeks (1976)10(3-4) p. 193-212. Refs. 32. Dutch.

M 773 Verstappen, H.Th. (ITC). Landforms and inundations of the lowlands of South-Central Java. ITC Journal (1975)(4) p. 511-529. English.

M 774 Vries, C.A. de. (KIT). Employment for millions of smallfarmers in the tropics: sericulture, bee-keeping and mushroom growing. Bulletin - Royal Tropical Institute no. 299, Amsterdam, 1977. pp. 56. Refs. English.

M 775 Weg, R.F. van de. (LHABK).(Kenya Soil Survey Project, Nairobi). (Soil survey in Kenya, a program of Dutch technical aid.) Bodemkartering in Kenia, een programma van Nederlandse technische hulp. Geografische Tijdschrift (1976)10(3) p. 228-239. Refs. 10. Dutch, with English summary.

M 776 Wijnen, C.J.M. (LEI). (Holambra 1; Dutch farmers in a cooperative group in Brazil.) Holambra 1; Nederlandse boeren in coöperatief verband in Brazilië. Mededelingen - LEI no. 138. The Hague, 1976. pp. 88. Refs. 12. Dutch.

M 777 Zwart, D. (RUUFD). (Some protozoic animal diseases in the tropics and the problems connected with it.) Enkele protozoaire dierziekten in de tropen en de daaraan verbonden problematiek. Landbouwkundig Tijdschrift (1976)88(3) p. 79-82. Dutch.

RURAL HISTORY

(Also Nos M 590, 591, 592, 600, 645, 749, 791, 796, 850, 1008, 1014, 1020, 1025, 1084, 1388)

M 778 Wirth-van Wijk, L.E. & Zon, H. van. (Nederlands Agronomisch Historisch Instituut, Groningen). (Bibliography of literature on the agricultural history of the Netherlands, published between 1964 and 1974.) Bibliografie van op Nederland betrekking hebbende landbouwhistorische literatuur verschenen in de jaren 1964 tot en met 1974. Historia Agriculturae (1977)(10) p. 7-128. Refs. 1478. Dutch.

FARM MANAGEMENT

(Also Nos M 679, 768, 769, 774, 776, 881, 943, 970, 997, 1001, 1046, 1058, 1059, 1061, 1065, 1074, 1078, 1092, 1093, 1120, 1134, 1149, 1160, 1162, 1163, 1173, 1174, 1175, 1187, 1194, 1215, 1217, 1224, 1231, 1244, 1249)

M 779 (Agricultural Economics Research Institute, The Hague. Annual Report 1975.) (LEI). Jaarverslag 1975. LEI, The Hague, 1976. pp. 77. Dutch.

M 780 Dekker, K.M. (LEI). (Farm and town and country plan.) Landbouwbedrijf en bestemmingsplan. Landbouwkundig Tijdschrift/pt (1977)89(1) p. 15-21. Dutch.

M 781 (Farm returns - in the Netherlands. Fiscal years 1971/72 up to 1974/75.) (LEI). Bedrijfsuitkomsten in de landbouw. Boekjaren 1971/72 t/m 1974/75. Publikaties - LEI no. 3.62, The Hague, 1976. pp. 177. Dutch. Price ƒ 18,50.

M 782 (The financial position of farmers - in the Netherlands - financial year 1973/74.) (LEI). De financiële positie van de landbouw, boekjaar 1973/74. LEI-publikaties no. 3.58. The Hague, 1975. pp. [illegible]. Tables. Dutch, Price ƒ 13,50.

M 783 Slot, J. (LEI). (Intensive, horizontal cooperation of individual farms. An inventory study.) Intensieve, horizontale samenwerking tussen individuele landbouwbedrijven. Een inventariserend onderzoek. LEI-publikatie no. 2.72. The Hague, 1975. pp. 44. Dutch. Price ƒ 7,--.

BUILDINGS, MACHINES, IMPLEMENTS

(Also Nos M 691, 735, 836, 844, 881, 887, 919, 934, 935, 942, 970, 971, 975, 979, 981, 982, 983, 1000, 1019, 1031, 1034, 1041, 1065, 1067, 1070, 1087, 1092, 1093, 1094, 1098, 1099, 1115, 1116, 1119, 1127, 1128, 1136, 1143, 1151, 1154, 1186, 1189, 1193, 1195, 1213, 1229, 1232, 1233, 1234, 1239, 1307, 1368)

M 784 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Heavy tractor and implements for soil cultivation.) Zware trekkers en werktuigen voor de grondbewerking. Landbouwmechanisatie (1976)27(11) p. 1068-1071. Dutch, with English summary.

M 785 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Ploughing demonstration in Lelystad - Netherlands.) Ploegdemonstratie te Lelystad. Landbouwmechanisatie (1976)27(12) p. 1207-1210. Dutch, with English summary.

M 786 Boels, D. (ICW). (Determination of the quality of ploughing and sliding down on light sandy clay soils.) Bepalen van kwaliteit van ploegen en afschuiven op lichte zavelgronden. Cultuurtechnisch Tijdschrift (1976)15(5) p. 259-266. Refs. 7. Dutch, with Dutch summary.

M 787 Boone, F.R. (LHAG). (The effect of mechanisation on growth of crops.) De invloed van de mechanisatie op de groeimogelijkheden van gewassen. Landbouwhogeschool, Wageningen, 1976. pp. 21. Dutch.

M 788 (Developments in the need for research in the field of mechanization, labour and building and their consequences for IMAG. A vision on the future of IMAG 1977-1981.) (IMAG). Ontwikkelingen in de behoefte aan onderzoek op het terrein van mechanisatie, arbeid en gebouwen en de daaruit voortvloeiende consequenties voor het IMAG. Visienota IMAG 1977-1981. IMAG, Wageningen, 1976. pp. 28. Dutch.

M 789 Elema, H.M. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Maintenance of ditches demonstrated in Roordahuizum - Netherlands.) Demonstratie slootonderhoud te Roordahuizum. Landbouwmechanisatie (1976)27(11) p. 1103-1107. Dutch.

M 790 (Factsheets of machines and implements for forestry, landscape engineering and nature management.)(SBB). Kenmerkenbladen van machines en werktuigen voor bosbouw, landschapsbouw en natuurbeheer. Bosbouwvoorlichting (1976) losbladig. Dutch.

M 791 Hadders, A. (LHALT). (History of mechanization of agriculture in the USA until the civil war: 1861.) Historie van de mechanisatie van de landbouw in de VS tot de burgeroorlog (1861). Landbouwmechanisatie (1977)28(1) p. 51-54. Dutch.

M 792 Hop, J. (Consulentschap in algemene dienst voor Boerderijbouw en -inrichting, Mansholtlaan 12, Wageningen). (Herringbone or rhombic milking parlor for large farms.) Visgraat- of ruitmelkstal voor grote bedrijven. Landbouwmechanisatie (1976)27(11) p. 1095-1096. Dutch.

M 793 (Institute of Agricultural Engineering, Wageningen. Annual Report 1975. Animal husbandry and environment.) (IMAG). Instituut voor Mechanisatie, Arbeid en Gebouwen, Wageningen. Jaarverslag 1975. Veehouderij en milieu. IMAG-publikaties no. 52. Wageningen, 1976. pp. 74. Dutch. Price ƒ 10,--.

M 794 Kiers, G. (IMAG) & Loo, L. van. (Silage cutters.) Kuilvoersnijvorken. Landbouwmechanisatie (1976)27(11) p. 1115- 1119. Dutch, with English summary.

M 795 Klein Hesselink, J. (IMAG). (Self loading trailers with feeding-out equipment.) Merkenonderzoek opraapdoseerwagens. Landbouwmechanisatie (1976)27(6) p. 549-552. Dutch, with English summary.

M 796 Poel, J.M.G. van der. (LHAAG). (Lecture notes on agricultural engineering at the School of Rural Economics in Groningen - Netherlands - ca. 1850.) Een landbouwwerktuigkunde-dictaat van de Landhuishoudkundige School te Groningen. Historia Agriculturae (1977)(10) p. 127-217. Dutch.

M 797 (Research plan for 1976 (short edition).) (IMAG). Werkplan 1976 (verkorte uitgave). IMAG, Wageningen, 1976. pp. 70. Dutch.

M 798 (Series test of mowers.) (IMAG). Merkenonderzoek maaiwerktuigen. IMAG-Publikaties no. 42, Wageningen, 1976. pp. 34. Dutch, with English summary.

M 799 (Series test of fans for drying and ventilating of agricultural and horticultural products.) (IMAG). Merkenonderzoek landbouwventilatoren. IMAG-Publikaties no. 45, Wageningen, 1976. pp. 35. Dutch, with English summary.

M 800 (Series test of apparatus for filling tower silos.) (IMAG). Merkenonderzoek apparatuur voor het vullen van torensilo's. IMAG-Publikaties no. 60, Wageningen, 1976. pp. 90. Dutch, with English summary.

M 801 (Series test of combine harvesters.) (IMAG). Merkenonderzoek maaidorsers. IMAG-Publikaties no. 64, Wageningen, 1976. pp. 63. Dutch, with English summary.

M 802 (Series test of self-loading trailers with unloading attachment.) (IMAG). Merkenonderzoek opraapdoseerwagens. IMAG-Publikaties no. 66, Wageningen, 1976. pp. 63. Dutch, with English summary.

M 803 Spaink, G.N. & Maanen, J. van. (IMAG). (The placing of wheels under heavy trailers.) Wielplaatsing bij zware landbouwwagens. Landbouwmechanisatie (1976)27(11) p. 1087-1090. Dutch, with English summary.

M 804 Straelen, B.C.P.M. van. (IMAG). (Hydraulics in agricultural mechanization. Part XII. Applications.) Hydrauliek in de landbouwmechanisatie. Deel XII. Toepassingen. Landbouwmechanisatie (1976)27(1) p. 78-82. Dutch.

M 805 Straelen, B.C.P.M. van. (IMAG). (Independent braking with Bosch hydraulic braking system.) Onafhankelijk remmen met het hydraulisch remsysteem van Bosch. Landbouwmechanisatie (1976)27(11) p. 1123. Dutch, with English and Dutch summaries.

M 806 Strijbosch, T. (PGF). (Better management of climate control - in greenhouses.) Beter overweg met de klimaatregeling. Proefstation voor de Groente- en Fruitteelt onder glas en Consulentschap voor de Tuinbouw, Informatiereeks no. 25, Naaldwijk, 1976. pp. 16. Refs. 36. Dutch. Price ƒ 2,50.

M 807 Telle, M.G. (IMAG). (Detection of stray metal in the field.) Metaaldetectie bij veldhakselaars. IMAG-Publikaties no. 61, Wageningen, 1976. pp. 20. Dutch, with English and Dutch summaries.

M 808 Tol, J.C. (IMAG). (Insulation materials for farm buildings - stables.) Stalisolatie. IMAG-Publikaties no. 68, Wageningen, 1976. pp. 68. Dutch, with English and Dutch summaries.

M 809 Tol, J.C. (IMAG). (Thermal and hygrical behaviour of some building constructions and materials.) Thermisch en hygrisch gedrag van enkele bouwconstructies en materialen. IMAG-Publikaties no. 59, Wageningen, 1976. pp. 28. Dutch, with English and Dutch summaries.

M 810 Vollaers, J.A. (IMAG). (Tractors and agricultural machinery from 1965 through 1975 in the Netherlands.) Een vergelijking van de mei-inventarisaties van trekkers en landbouwwerktuigen 1965-1975. Landbouwmechanisatie (1976)27(12) p. 1191-1195. Dutch, with English summary.

M 811 Weerd, B. van der & Lint, M.M. de. (IMAG). (New harvesting methods for processing crops.) Een nieuwe oogstmethode voor conservengewassen. Landbouwmechanisatie (1976)27(6) p. 567-569. Dutch, with Dutch summary.

SOILS AND FERTILIZERS, SOIL, LAND AND AERIAL SURVEY, GEODESY

(Also Nos M 596, 603, 613, 614, 625, 641, 662, 742, 750, 756, 765, 767, 773, 775, 784, 786, 882, 884, 885, 887, 903, 918, 919, 936, 948, 951, 952, 961, 967, 975, 999, 1003, 1006, 1007, 1013, 1017, 1032, 1035, 1039, 1049, 1053, 1062, 1070, 1105, 1106, 1107, 1135, 1145, 1154, 1161, 1198, 1392)

M 812 Amerom, H.W.J. van. (Rijks Geologische Dienst, Geologisch Bureau, Heerlen), Herngreen, G.F.W. & Romein, B.J. Palaeobotanical and palynological investigation with notes on the microfauna of some core samples from the Lower Cretaceous in the West Netherlands Basin. Mededelingen Rijks Geologische Dienst, Nieuwe Serie (1976)27(2) p. 41-79. Refs. 85. English.

M 813 Bakker, H. de & Schelling, J. (STIBOKA). (System of soil classification for the Netherlands. The higher levels. 2nd edition.) Systeem van bodemclassificatie voor Nederland. De hogere niveaus. 2e druk. Stiboka, Wageningen, 1976. pp. 241. Refs. 154. Dutch, with English summary. ISBN 90 220 0237.

M 814 Begheijn, T.Th. (LHABK). Determination of organic and inorganic carbon in soils by potentiometry. Analyst (1976)101(1206) p. 710-716. Refs. 15. English.

M 815 Bie, S.W. (STIBOKA) et al. Computer-aided interactive soil suitability classification - a simple Bayesian approach. Netherlands Journal of Agricultural Science (1976)24(3) p. 179-186. English, with English summary.

M 816 Bont, J.A.M. de. (LHAM). Oxidation of ethylene by soil bacteria. Antonie van Leeuwenhoek (1976)42(1) p. 59-71. Refs. 18. English, with English summary.

M 817 Diest, A. van. (LHABK). (Ammonium- and nitrate nutrition of crops.) Ammonium- en nitraatvoeding van cultuurgewassen. Stikstof (1976)7(83) p. 389-394. Refs. 5. Dutch.

M 818 Diest, A. van. (LHABK). (The cycle of nitrogen, an indispensable but dangerous element.) De kringloop van stikstof, een onontbeerlijk, maar gevaarlijk element. Tijdschrift Vereniging Koninklijke Nederlandsche Heide Maatschappij (1977)88(1) p. 3-9. Dutch.

M 819 Dobben, W.H. van. (LHAVP). (The supply of nutrients for the plant and its consequences for the environment.) Aanvoer van plantenvoedende stoffen en de gevolgen daarvan voor het milieu. Stikstof (1976)7(83) p. 343-348. Refs. 11. Dutch.

M 820 (The Soil Survey Institute Wageningen in 1975. Concise annual report.) (STIBOKA). De Stichting voor Bodemkartering in 1975. Beknopt jaarverslag. Stiboka, Wageningen, 1976. pp. 112. Dutch.

M 821 Dijkstra, S. (ITC) et al. Geochemical investigation of some latosols. ITC Journal (1975)(4) p. 521-534. Refs. 5. English.

M 822 Egmond, F. van. (LHALBS). (The uptake of nutrients and its consequences for processes in the rhizosphere.) De opname van voedingsstoffen en de consequenties daarvan voor processen in de rhizosfeer. Interne Mededeling van het Lab. voor Landbouwscheikunde no. 24, Wageningen, 1975. pp. 21. Refs. 19. Dutch.

M 823 Elbersen, G.W.W. & Nieuwenhuis, E. (ITC). Cyclic-erosion in volcanic ash soils. ITC-Journal (1975)(4) p. 498-510. Refs. 9. English.

M 824 Feddes, R.A. (ICW) et al. Finite difference and finite element simulation of field water uptake by plants. Technical Bulletin of the Institute for land and Water Management Research nr. 94, Wageningen, 1976, p. 81-98. Refs. 10. English. Reprint: "Hydrological Sciences Bulletin" XXI, 1 - 3/1976.

M 825 Frissel, M.J. (ITAL). (Soil pollution.) Bodemverontreiniging. Natuur en Techniek (1976)44(10) p. 746-764. Dutch.

M 826 Groot Obbink, D.J. & Mulder, J.R. (STIBOKA). (Land consolidation area Beesel-Swalmen - in the province of Limburg. Soil condition and suitability of the soil.) Ruilverkaveling Beesel-Swalmen. Bodemgesteldheid en bodemgeschiktheid. Rapporten Stichting voor Bodemkartering no. 1143, Wageningen, 1975. pp. 124. Refs. 12. Maps, Dutch, with Dutch summary.

M 827 Haan, F.A.M. de. (ICW). Interaction-mechanisms in soil as related to soil pollution and groundwater quality. ICW-Technical Bulletin nr. 95, Wageningen, 1976. pp. 18. Refs. 15. English.

M 828 Haan, P. de. (VUA). (Land policy as a basis for physical and agricultural planning.) Grondpolitiek als basis voor ruimtelijk en agrarisch beleid. De Pacht (1976)36(6) p. 162-177. Dutch.

M 829 Haan, P. de. (VUA). (The - Dutch - bills on soil policy.) De wetsontwerpen inzake de grondpolitiek. Anti Revolutionaire Staatkunde (1975)45(12) p. 323-335. Dutch.

M 830 Haan, S. de & Lubbers, J. (IB). (Results of a regular dung manuring on a trial field of the Dr. H.J. Lovink farm in the "Noord-Oost polder" - Netherlands.) Resultaten van geregelde bemesting met stalmest op een proefveld van de Dr. H.J. Lovinkhoeve in de Noordoostpolder. Bedrijfsontwikkeling (1976)7(10) p. 762-765. Dutch, with Dutch summary.

M 831 Hagin, J. ; Stricker, J.N.M. (LHATT) & Segal, E. Simulated ammonia nitrification in soils and subsequent nitrate leaching by irrigation water. Agricultural Engineering Faculty, Technion-Israel Institute of Technology, Soils and Fertilizers Laboratory - Publication No. 141, 1971. pp. 30. Refs. 31. English.

M 832 Henkens, C.H. (CBL). (Nutrient or mineral balances.) Voedingsstoffen- of mineralenbalansen. Stikstof (1976)7(83) p. 355-362. Refs. 9. Dutch, with Dutch summary.

M 833 Hoeks, J. (ICW). Pollution of soil and groundwater from land disposal of solid wastes. ICW-Technical Bulletin nr. 96, Wageningen, 1976. pp. 17. Refs. 12. English.

M 834 Holst, A.F. van (STIBOKA) & Westerveld, G.J.W. (Corrosion of concrete foundations in (potential) acid sulphate soils and subsoils.) Aantasting van betonpalen in potentiële katteklei. Boor en Spade - Mededelingen van de Stichting voor Bodemkartering (1975)(19) p. 152-162. Refs. 6. Dutch, with English summary.

M 835 Hoogerkamp, M. (CABO) & Verhoek, G. (Compost as erosion control - in road verges.) Compost als bescherming tegen erosie. Wegen (1976)50(2) p. 46-50. Refs. 3. Dutch.

M 836 Hornstra, B. (KNHM). (Practical tools for soil research.) Practisch gereedschap voor veldbodemkundig onderzoek. Cultuurtechnisch Tijdschrift (1976)16(3) p. 123-129. Dutch.

M 837 Imeson, A.C. (GUA). Some effects of burrowing animals on slope processes in the Luxembourg Ardennes. Fysisch Geografisch en Bodemkundig Laboratorium. Universiteit van Amsterdam. Verspreide Overdruk no. 199. Amsterdam, 1976. pp. 11. Refs. 12.

English. Reprint from Geografiska Annaler (1976)58(A 1-2) p. 115-125.

M 838 Jong, H. de. (Graafseweg 274, Nijmegen). (Irregularly shaped coversand hills and ridges in the surroundings of Markelo.) Merkwaardige dekzandkopjes in de omgeving van Markelo. Boor en Spade - Mededelingen van de Stichting voor Bodemkartering (1975)(19) p. 79-85. Refs. 7. Dutch, with English summary.

M 839 Jungerius, P.D. (GUA). Quaternary landscape development of the Rio Magdalena basin between Neiva and Bogotá (Colombia). A reconstruction based on evidence derived from palaeosols and slope deposits. Palaeogeography, Palaeoclimatology, Palaeoecology (1976)19(2) p. 89-137. Refs. p. 136-137. English.

M 840 Kemp, A. & Hemkes, O.J. (CABO). (Effect of sewage sludge on the cadmium, lead, zinc and copper contents of soil and crop.) Invloed van rioolzuiveringsslib op de gehalten aan cadmium, lood, zink en koper in grond en gewas. Bedrijfsontwikkeling (1976)7(11) p. 825-832. Refs. 14. Dutch, with Dutch summary.

M 841 Koenders, K.; Beek, J. & Novozamsky, I. (LHALBS). (Determination of dissolved orthophosphate and the total amount of phosphor compounds in watery solutions containing relatively much iron and manganese.) Bepaling van opgelost orthofosfaat en het totale gehalte aan fosforverbindingen in waterige oplossingen die relatief veel ijzer en mangaan bevatten. Interne Mededeling van het Lab. voor Landbouwscheikunde no. 29, Wageningen, pp. 6. Dutch.

M 842 Koopmans, R.W.R. & Soer, G.J.R. (LHAC). (Numerical solutions for stationary two-dimensional groundwater flows.) Numerieke oplossingen voor stationaire tweedimensionale grondwaterstromingen. Mededelingen Landbouwhogeschool, Afdeling Cultuurtechniek no. 12, Wageningen, 1975. pp. 23. Refs. 6. Dutch.

M 843 Koopmans, R.W.R. & Soer, G.J.R. (LHAC). (Numerical solutions for non-stationary two-dimensional free surface groundwater flows.) Numerieke oplossingen voor niet-stationaire tweedimensionale grondwaterstromingen met een vrije waterspiegel. Mededelingen Landbouwhogeschool, Afdeling Cultuurtechniek no. 14, Wageningen, 1975. pp. 21. Refs. 6. Dutch.

M 844 Kroodsma, W. (IMAG). (Drying of poultry manure with the help of in-house air in different stalls for laying hens.) Het drogen van kippemest met behulp van stallucht in verschillende staltypen. IMAG-Publikaties no. 73, Wageningen, 1976. pp. 46. Refs. 15. Dutch, with English and Dutch summaries. Price ƒ 7,50.

M 845 Loon, A.J. van (VUA) & Wiggers, A.J. Metasedimentary "graben" and associated structures in the lagoonal Almere Member (Groningen Formation, The Netherlands). Sedimentary Geology (1976)16(4) p. 237-254. Refs. 14. English.

M 846 Meinardi, C.R. (RIDV). Characteristic examples of the natural groundwater composition in the Netherlands. Rijksinstituut voor Drinkwatervoorziening, Mededeling 76-1, The Hague, 1976. pp. 30. Refs. 26. English.

M 847 Mulder, F.F.J. de. (RUU). Microfauna and sedimentary-tectonic history of the Oligo-Miocene of the Ionian islands and western Epirus (Greece). Doctoral thesis, Utrecht, 1975. pp. 139. Refs. 6 English. Also published as Utrecht Micropaleontological Bulletins no. 13, Utrecht, 1975. pp. 139.

M 848 Mulder, E.G. (LHAM). (The nitrogen cycle.) De stikstofkringloop. Stikstof (1976)7(83) p. 409-416. Refs. 20. Dutch.

M 849 Mulder, J. (Consulentschap voor de Akkerbouw en de Veehouderij, Lange Nering 68-74, Emmeloord). (The application of organic manure in the IJsselmeerpolders - Netherlands.) De toepassing van dierlijke organische mest in de IJsselmeerpolders. Stikstof (1976) 7(82) p. 305-311. Refs. 7. Dutch, with Dutch summary.

M 850 Ovaa, I. (STIBOKA). (Salt-making in the southwest Netherlands' clay area and its influence on the landscape.) De zoutwinning in het zuidwestelijk zeekleigebied en de invloed daarvan op het landschap. Boor en Spade - Mededelingen van de Stichting voor Bodemkartering (1975)(19) p. 54-68. Refs. 31. Dutch, with English summary.

M 851 Pal, R. & Stroosnijder, L. (LHABK). Experimental verification of two calculation methods for relating horizontal infiltration to soil-water diffusity. Geoderma (1976)15(5) p. 413-424. Refs. 23. English, with English summary.

M 852 Pleijter, G. & Rutten, G. (STIBOKA). (Land consolidation area Den Ham - province of Overijssel. Soil, soil capability and landscape.) Ruilverkaveling Den Ham. Bodem, bodemgeschiktheid en landschap. Rapporten Stichting voor Bodemkartering no. 1139, Wageningen, 1976. pp. 81. Maps. Dutch, with Dutch summary.

M 853 Roorda van Eysinga, J.P.N.L. (PGF). (Bromine in soil and crop. A literature review.) Broom in grond en gewas. Een literatuurstudie. Informatiereeks - Proefstation Naaldwijk no. 32, Naaldwijk, 1975. pp. 40. Refs. 73. Dutch, with English and Dutch summaries. Price *f* 4,50.

M 854 Schimmel, H. (Ver. Vrienden v.d. Hoge Veluwe, Zonneheuvelweg 20, Oosterbeek). ("Atlantic deserts", the shifting sand areas of the Veluwe.) "Atlantische woestijnen" - de Veluwse zandverstuivingen. De Schouw (1976)23(4) p. 88-93. Dutch.

M 855 Schouten, C.J.J.H. (GUA). Origin and output of suspended and dissolved material from a catchment in Northland (New Zealand), with particular reference to man-induced changes. Doctoral thesis, Gem. Universiteit, Amsterdam. 1976. pp. 180. Refs. 22. English. Also published as: Publicaties van het Fysisch-Geografisch en Bodemkundig Laboratorium van de Universiteit van Amsterdam no. 23, 1976.

M 856 Slager, S.; Jongmans, A.G. & Pons, L.J. (LHABK). Fossil and recent soil formation in Late Pleistocene sand deposits in the eastern part of the Netherlands. Netherlands Journal of Agricultural Science (1976)24(3) p. 173-178. Refs. 9. English, with English summary.

M 857 Sluijsmans, C.M.J. & Kolenbrander, G.J. (IB). (Nitrogen activity of organic manure in the short and the long run.) De stikstofwerking van stalmest op korte en lange termijn. Stikstof (1976)7(83) p. 349-354. Refs. 8. Dutch, with Dutch summary.

M 858 (Soil map of the Netherlands, part 11 West, Heerenveen.) (STIBOKA). Bodemkaart van Nederland, blad 11, West, Heerenveen. (Stiboka). Bodemkaart van Nederland no. 11, Wageningen, 1976. pp. 140. Refs. 58. 2 maps, Dutch.

M 859 Steenvoorden, J.H.A.M. (ICW). Nitrogen, phosphate and biocides in groundwater as influenced by soil factors and agriculture. ICW-Technical Bulletin nr. 97, Wageningen, 1976. pp. 18. Refs. 33. English.

M 860 Stroosnijder, L. (LHABK). (Infiltration and redistribution of water in soils.) Infiltratie en herverdeling van water in grond. Doctoral thesis, Wageningen, 1976. pp. 213. Refs. 252. Dutch, with English and Dutch summaries. Obtainable from Pudoc as: Verslagen van Landbouwkundige Onderzoekingen (Agricultural Research Reports) no. 847. ISBN 90 220 0596 8.

M 861 Tamboer-van den Heuvel, G. (RUU) & Janssen, R.C. Recent pollen assemblages from the crest region of the Vosges mountains (France). Review of Palaeobotany and Palynology (1976)21(3) p. 219-240. Refs. 12. English.

M 862 Vink, A.P.A. (GUA). (Cartography of soils and landscapes in Western Switzerland.) Cartographie de sols et de paysages en Suisse occidentale. Physisch-Geografische Publikaties van de Universiteit van Amsterdam no. 196. Amsterdam, ca. 1976. pp. 10. Refs. p. 177-178. French. Reprint Geographica Helvetica (1975)(4) p. 169-178.

M 863 Vries, J.J. de. (VUA). The groundwater outcrop-erosion model; evolution of the stream network in the Netherlands. Journal of Hydrology (1976)29(1/2) p. 43-50. Refs. 6. English.

PLANT BREEDING, SEEDS, PROPAGATING MATERIAL

(Also Nos M 597, 633, 638, 921, 940, 946, 949, 953, 963, 966, 971, 975, 977, 978, 984, 986, 989, 992, 993, 1006, 1009, 1022, 1024, 1027, 1033, 1036, 1050, 1073, 1077, 1085, 1088, 1091, 1096, 1100, 1103, 1104, 1105, 1111, 1113, 1118, 1121, 1123, 1124, 1126, 1130, 1131, 1142, 1147, 1150, 1156, 1157, 1159, 1166, 1170, 1171, 1172, 1236, 1367, 1371)

M 864 Bos, I. (LHIVP). More arguments against intermating F2 plants of a self-fertilizing crop. Euphytica (1977)26(1) p. 33-46. Refs. 10. English, with English summary.

M 865 Broertjes, C. (ITAL). Is DDT a means to improve the mutation spectrum of vegetatively propagated plants? Euphytica (1976)25(2) p. 305-312. Refs. 13. English, with English summary.

M 866 Hogenboom, N.C. (IVT) & Eenink, A.H. (Back to the source - gene centers of horticultural crops.) Terug naar de bron. Groenten en Fruit-Kerstnummer (1976)32(23) p. K19, K21. Dutch.

M 867 Marrewijk, G.A.M. van (LHIVP) & Ponti, O.M.B. de. Possibilities and limitations of breeding for pest resistance. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975) 40(2) p. 229-247. Refs. p. 244-247. English, with Dutch summary.

M 868 Parlevliet, J.E. (LHIVP) & Zadoks, J.C. The integrated concept of disease resistance; a new view including horizontal and vertical resistance in plants. Euphytica (1977)26(1) p. 5-21. Refs. 49. English, with English summary.

M 869 Roothaan, M. & Sybenga, J. (LHAEL). No. 5-B Compensation by rye B-chromosomes. Theoretical and Applied Genetics (1976)48(2) p. 63-66. Refs. 10. English.

M 870 (Seed testing in 1975/1976. Annual Report of the Official Seed Testing Station, Wageningen over the year 1-VI-1975 to 31-V-1976). (RPZ). De zaadcontrole in 1975/1976. Mededelingen van het Rijksproefstation voor Zaadcontrole no. 28, Wageningen, 1976. pp. 26. Dutch and English.

M 871 Sneep, J. (LHIVP). Selection for yield in early generations of self-fertilizing crops. Euphytica (1977)26(1) p. 27-30. Refs. 9. English, with English summary.

M 872 Stam, P. (LHAEL). Selection response under random mating and under selfing in the progeny of a cross of homozygous parents. Euphytica (1977)26(1) p. 169-184. Refs. 6. English, with English summary.

LAND IMPROVEMENT, RECLAMATION, TILLAGE, DRAINAGE

(Also Nos M 593, 679, 789, 955)

M 873 Beeftink, W.G. (Delta Instituut voor Hydrobiologisch Onderzoek, Yerseke). The ecological significance of embankment and drainage with respect to the vegetation of the south-west Netherlands. The Journal of Ecology (1975)63(2) p. 423-458. Refs. 56. English.

M 874 Beers, W.F.J. van. (ILC). Computing drain spacings. A generalized method with special reference to sensitivity analysis and geo-hydrological investigations. Bulletin International Institute for Land Reclamation and Improvement no. 15, Wageningen, 1976. pp. 48. Refs. 8. English.

M 875 Bijkerk, C. (THD), (ICW). What is land improvement exactly? An interesting and instructive explanation on the basis of conditions in the Netherlands. Land + Water International (1975)(27) p. 22-27, 29. Refs. 22. English, with English, Spanish and French summaries.

M 876 Elema, H.M. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Labour saving sprinkler systems.) Arbeidsbesparende regenapparatuur. Landbouwkundig Tijdschrift (1976)88(6a) p. 198-201. Dutch.

M 877 Gelok, A.J. (CD). (Friction losses in culverts of corrugated steel.) Wrijvingsverliezen in duikers van gegolfd plaatstaal. Cultuurtechnisch Tijdschrift (1976)15(5) p. 241-258. Refs. 21. Dutch, with Dutch summary.

M 878 Hulsbos, W.C. (ILACO). (The need for an integral, multidisciplinary approach of agricultural and/or land and water management development projects.) Noodzaak voor een integrale, multidisciplinaire benadering van landbouwkundige en/of cultuurtechnische ontwikkelingsprojekten. Landbouwkundig Tijdschrift (1976)88(6a) p. 222-227. Dutch.

M 879 (Institute for Land and Water Management Research, Wageningen. Annual Report 1975.) (ICW). Instituut voor Cultuurtechniek en Waterhuishouding. Jaarverslag 1975. Mededelingen ICW no. 153, Wageningen, 1976. pp. 105. List of publications. Dutch.

M 880 International Institute for Land Reclamation and Improvement, Wageningen. Annual Report 1975. (IILC). ILRI, Wageningen, 1976. pp. 80. English.

M 881 Kalshoven, G. Irrigation systems: some organizational considerations. Sociologia Ruralis (1976)16(4) p. 238-257. Refs. 21. English, with German, English and French summaries.

M 882 Kamping, G. (STIBOKA) et al. (Land consolidation area Wonseradeel-Zuid - Netherlands -. Soil conditions.)Ruilverkavelingsgebied Wonseradeel-Zuid. De bodemgesteldheid. Rapporten Stichting voor Bodemkartering no. 1207, Wageningen, 1976. pp. 104. Refs. 25. Maps. Dutch, with Dutch summary.

M 883 Kok, G.J.G. (LHAHL). (Interim report calculation of thermal stratification the right cistern model.) Interim rapport berekening van thermische stratificatie het rechte bak model. Landbouwhogeschool, Laboratorium voor Hydraulica en Afvoerhydrologie. Nota 37, Wageningen, 1976. pp. 24. Refs. 14. Dutch.

M 884 Stoffelsen, G.H. & Hurk, J.A. van den. (STIBOKA). (Land consolidation area Limmen-Heiloo - Netherlands -. Ground water levels.) Ruilverkavelingsgebied Limmen-Heiloo. De grondwatertrappen. Rapporten Stichting voor Bodemkartering no. 1225, Wageningen, 1976. pp. 30. Refs. 11. Maps. Dutch, with Dutch summary.

M 885 Wesseling, J. (ICW). (The meaning of water for agriculture - water in soil, irrigation.) De betekenis van water voor de landbouw. Instituut voor Cultuurtechniek en Waterhuishouding, Rapport no. 183, Wageningen, 1976. pp. 4. Dutch. Repr. Polytechnisch Tijdschrift (1976)2.

M 886 Wesseling, J. (ICW). (The water requirements of Dutch agriculture.) De waterbehoefte van de landbouw in Nederland. Landbouwkundig Tijdschrift (1976)88(11) p. 340-344. Refs. 11. Dutch.

M 887 Wind, G.P. (ICW). Application of analog and numerical models to investigate the influence of drainage on workability in spring. Netherlands Journal of Agricultural Science (1976)24(3) p. 155-172. Refs. 12. English, with English summary.

M 888 Zanden, J.M. van der. (Redacteur van "De Ingenieur", Prinsessegracht 23, Den Haag). (Oosterschelde-facets - enclosure.) Oosterschelde-facetten. De Ingenieur (1976)88(46) p. 921-923. Dutch.

PLANT PATHOLOGY AND PROTECTION

(Also Nos M 604, 647, 649, 660, 663, 671, 675, 676, 714, 732, 742, 759, 760, 762, 766, 771, 865, 867, 868, 870, 937, 938, 940, 945, 946, 947, 964, 965, 973, 981, 984, 988, 991, 992, 993, 994, 995, 1015, 1017, 1018, 1021, 1023, 1028, 1029, 1033, 1036, 1044, 1045, 1054, 1077, 1079, 1080, 1081, 1082, 1083, 1089, 1095, 1096, 1100, 1101, 1102, 1103, 1111, 1113, 1133, 1135, 1140, 1146, 1152, 1153, 1158, 1161, 1164, 1165, 1166, 1168, 1169, 1257, 1269)

M 889 Ankersmit, G.W. (LHAE). (Winter mortality of insects.) Wintermortaliteit bij insekten. Gewasbescherming (1976)7(5) p. 109-113. Refs. 11. Dutch.

M 890 Ankersmit, G.W.; Rabbinge, R. & Dijkman, H. (LHAE). Studies on the sterile-male technique as a means of control of Adoxophyes orana (Lepidoptera, Tortricidae), 4: technical and economic aspects of mass-rearing. Netherlands Journal of Plant Pathology (1977)83(1) p. 27-39. Refs. 7. English, with English and Dutch summaries.

M 891 Berlinger, M.J. & Ankersmit, G.W. (LHAE). Manipulation with the photoperiod as a method of control of Adoxophyes orana (Lepidoptera, Tortricidae). Entomologia experimentalis et applicata (1976)19(1) p. 96-107. Refs. 10. English, with German and English summaries.

M 892 Bos, L. (IPO). (Continuous change of virusproblems in crops.) Voortdurende verandering van virusproblemen bij gewassen. Zaadbelangen (1976)30(10) p. 292-297. Refs. 10. Dutch.

M 893 Bos, L. (IPO). (Viruses - living or not?) Virussen: Wel of geen leven? Groenten en Fruit-Kerstnummer (1976)32(23) p. K25, K27. Dutch.

M 894 Davidse, L.C. (TNO), (LHAF). Metabolic conversion of methyl benzimidazol-2-yl carbamate (MBC) in Aspergillus nidulans. Pesticide Biochemistry and Physiology (1976)6(6) p. 538-546. Refs. 34. English.

M 895 Dekker, J. (LHAF). Acquired resistance to fungicides. Annual Review of Phytopathology (1976)14. p. 405-428. Refs. 138. English.

M 896 Evenhuis, H.H. (IPO). Studies on Cynipidae Alloxystinae. 5. Alloxysta citripes (Thomson) and Alloxysta ligustri n.sp., with remarks on host specifity in the sub-family. Entomologische Berichten (1976)36(9) p. 140-144. Refs. 8. English.

M 897 Fuchs, A. (LHAF) & Viets-Verweij, W. Permanent and transient resistance to triarimol and triforine in some Phytopathogenic fungi. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 699-706. Refs. 11. English.

M 898 Fuchs, A. (LHAF); Vries, F.W. de & Aalbers, A.M.J. Uptake, distribution and metabolic fate of ^{3}H-Triforine in plants. I. Short-term experiments. II. Long-term experiments. Pesticide Science (1976)7(2) p. 115-134. Refs. 15 + 10. English.

M 899 Greve, P.A. (RIV) & Grevenstuk, W.B.F. A convenient small-scale clean-up method for extracts of fatty samples with basic alumina before GLC-analysis on organochlorine pesticide residues. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 1115-1120. Refs. 8. English.

M 900 Heuvel, J. van den & Vollaard, P.J. (PLWCS). Metabolism of phaseollin by different races of Colletotrichum lindemuthianum. Netherlands Journal of Plant Pathology (1976)82(3) p. 103-108. Refs. 8. English, with English and Dutch summaries.

M 901 Hoppe, H.H. (TNO); Kerkenaar, A. & Kaars Sijpesteijn, A. On the mode of action of 3-phenylindole towards Aspergillus niger. Pesticide Biochemistry and Physiology (1976)6(5) p. 413-421. Refs. 29. English.

M 902 Hoppe, H.H. (TNO); Kerkenaar, A. & Kaars Sijpesteijn, A. Interaction with phospholipids as a possible mode of action of 3-phenylindole on Aspergillus niger. Pesticide Biochemistry and Physiology (1976)6(5) p. 422-429. Refs. 17. English.

M 903 Leistra, M. (LIO) & Dekkers, W.A. Computed leaching of pesticides from soil under field conditions. Water, Air and Soil Pollution (Netherlands) (1976)5(4) p. 491-500. Refs. 19. English, with English summary.

M 904 Lenteren, J.C. van; Nell, H.W.; Sevenster-van der Lelie, L.A. (RUL) & Woets, J. The parasite-host relationship between Encarsia formosa (Hymenoptera: Aphelinidae) and Trialeurodes vaporariorum (Homoptera: Aleyrodidae). 1: host finding by the parasite. Entomologia experimentalis et applicata (1976)20(2) p. 123-130. Refs. 10. English, with German and English summaries.

M 905 Loof, P.A.A. (LHAN). Taxonomy of Trichodoridae. Plenum Press, London, 1974. Nato Advanced Study Inst. Series vol 1 & 2. Nematode Vectors of Plant Viruses. p. 103-127. Refs. 42. English. ISBN 0 306 35602 2.

M 906 Maas, P.W.T. (PD). (Dutch names of plant parasitic nematodes.) Nederlandse namen van plantep: rasitaire aaltjes (nematoden). Gewasbescherming (1976)7(6) p. 141-144. Refs. 9. Dutch.

M 907 Minks, A.K. (IPO). (Sex pheromones of Lepidoptera: a study on their possible role in plant protection, 2: research in the Netherlands.) Sex feromonen van Lepidoptera: onderzoek naar hun mogelijke toepassing in de gewasbescherming, 2: het onderzoek in Nederland. Gewasbescherming (1976)7(6) p. 131-139. Refs. 18. Dutch.

M 908 Minks, A.K.; Voerman, S. (LIO) & Klun, J.A. Disruption of pheromone communication with micro-encapsulated antipheromones against Adoxophyes orana. Entomologia experimentalis et applicata (1976)20(2) p. 163-169. Refs. 19. English, with English and French summaries.

M 909 Molen, J.P. van der. (IPO). (Insect control with hormones.) Insektenbestrijding met hormonen. Groenten en Fruit-Kerstnummer (1976)32(23) p. K37, K38. Dutch.

M 910 Overmeer, W.P.J. & Zon, A.Q. van. (GUA). Partial reproductive incompatibility between populations of spider mites (Acarina Tetranychidae). Entomologia Experimentalis et Applicata (1976)20(3) p. 225-236. Refs. 18. English, with German and English summaries.

M 911 (Plant Protection Service, Wageningen. Yearbook 1975.) (PD). Jaarboek 1975. Versiagen en Mededelingen - Plantenziektenkundige Dienst no. 150. Wageningen, 1976. pp. 118. List of publications. Dutch.

M 912 Robinson, A.S. (ITAL). Progress in the use of chromosomal translocation for the control of insect pests. Biological Reviews (1976) 51(1) p. 1-24. Refs. p. 20-24. English.

M 913 Rijsdijk, F.H. (LHAF). (Micrometeorology and phytopathology.) Micrometeorologie en fytopathologie. Gewasbescherming (1976)7(5) p. 105-107. Dutch.

M 914 Schoonhoven, L.M. (LHAFD) & Derksen-Koppers, I.(LHAF). Effects of some allelochemics on food uptake and survival of a polyphagous aphid, Myzus persicae. Entomologia Experimentalis et Applicata (1976)19(1) p. 52-56. Refs. 8. English, with English and French summaries.

M 915 Segeren, P.A. (LHAVL). (Transfer of knowledge on plant protection in Dutch agriculture and horticulture.) De kennisoverdracht over gewasbescherming in de Nederlandse land- en tuinbouw. Landbouwhogeschool, Wageningen, 1976. pp. 53. Refs. 23. Dutch, with Dutch summary.

M 916 Seinen, W. & Willems, M. (RUU); (CIVO). Toxicity of organotin compounds. I. Atrophy of thymus and thymus-dependent lymphoid tissue in rats fed Di-n-octyltindichloride. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1043, Zeist, 1976. pp. 13. Refs. 22. English. Repr.: Toxicology and Applied Pharmacology (1976)35, p. 63-75.

M 917 Seinhorst, J.W. (IPO). Dynamics of the plant nematode system. Plenum Press, London, 1974. Nato Advanced Study Inst. Series vol 1 & 2. Nematode Vectors of Plant Viruses. p. 409-421. Refs. 15. English.

M 918 Smelt, J.H. (LIO). (Behaviour of quintozene and hexachlorobenzene in the soil and uptake in crops.) Gedrag van quintozeen en hexachloorbenzeen in de bodem en opname in gewassen. Gewasbescherming (1976)7(3) p. 49-58. Refs. 26. Dutch.

M 919 Smelt, J.H.; Voerman, S. & Leistra, M. (LIO). Mechanical incorporation in soil of surface-applied pesticide granules. Netherlands Journal of Plant Pathology (1976)82(3) p. 89-94. Refs. 11. English, with English and Dutch summaries.

M 920 Symposium on status, biology and control of grassweeds in Europe. (European Weed Research Society, Wageningen). Paris (France). 2 - 3 Dec. 1975. European Weed Research Society c/o CABO. Wageningen, 1976. pp. 127. German, English and French.

M 921 Tempel, A. (IPO). (Problems around resistance.) Problemen rond resistentie. Een spel zonder grenzen. Groenten en Fruit-Kerstnummer (1976)32(23) K32-K33. Dutch.

M 922 Tiel, N. van. (PD). Plant Protection and the Environment. Verslagen en Mededelingen Plantenziektenkundige Dienst, Separate Serie no. 528 p. 84-92. English. Repr.: Proceedings VIIIth International Plant Protection Congress, Moscow. Vol. 1A, 1975.

M 923 Traas, P.C. (Kon. Ned. Chem. Vereniging, Burnierstraat 1, Den Haag). Two-step synthesis of a sex attractant of the male boll weevil from isophorone. Recueil Journal of the Royal Netherlands Chemical Society (1976)95(12) p. 308-311. English.

M 924 Tulp, M.Th.M. (GUA); Sundström, G. & Hutzinger, O. The metabolism of 4,4'-dichlorobiphenyl in rats and frogs. Chemosphere (1976)5(6) p. 425-432. Refs. 22. English.

M 925 Tuyl, J.M. van. (LHAF). Genetic aspects of acquired resistance to benomyl and thiabendazole in a number of fungi. Mededelingen van de Fakulteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 691-697. Refs. 19. English.

M 926 Verhoeff, K. (PLWCS) & Gelissen, A. Higher education in crop protection in the Netherlands. British Crop Protection Council. Proceedings of a Symposium in 1974. Monograph nr. 13 p. 43-44. English.

M 927 Vermeer, W. (Shell Nederland BV, Den Haag). (Research for pesticides, steadily more laborious and expensive.) Research voor pesticiden - steeds moeilijker - steeds duurder. Groenten en Fruit-Kerstnummer (1976)32(23) p. K39, K41. Dutch.

M 928 Vloten-Doting, L. van. (RUL). Similarities and differences between viruses with a tripartite genome. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(1) p. 51-58. Refs. 30. English.

M 929 Vonk, J.W. (RUU). Transformation of bisdithiocarbamate fungicides and the chemical nature of their residues in plants. Origin and Fate of Chemical Residues in Food, Agriculture and Fisheries. Panel Proceedings Series 1975. p. 107-114. Refs. 7. English.

M 930 Vos, R.H. de. (CIVO). The analysis of benomyl residues in crop samples by a T.L.C.-Bio-assay method. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1035, Zeist, 1976. pp. 5. Refs. 10. English. Repr.: Environmental Quality and Safety; Pesticides - Lectures held at the IUPAC Third International Congress of Pesticide Chemistry, Helsinki 3 - 9 July 1974. (1976) Supplement Volume III. p. 119-123.

M 931 Wegman, R.C.C. (RIV), Northolt, M.D. & Greve, P.A. Optimalization of the determination of fungicides by bio-assay. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 1077-1084. Refs. 11. English.

M 932 Zon, J.C.J. van & Zonderwijk, P. (PD). (Contribution to the norming on use of herbicides in water.) Bijdrage tot de normstelling t.a.v. het gebruik van herbiciden in water. Verslagen en Mededelingen Plantenziektenkundige Dienst, Separate serie no. 519, 1974.pp. 8. Dutch. Repr.: Verslag Coördinatie-commissie Onkruidonderzoek Watergangen (1974) p. 3-8. (Received 1976).

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(Also Nos M 637, 649, 679, 680, 756, 768, 795, 824, 869, 892, 1129, 1193, 1202, 1217, 1230, 1244, 1367, 1371, 1372, 1388)

M 933 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Destroying potato haulm.) Loofvernietiging. Landbouwmechanisatie (1976)27(6) p. 519-523. Dutch, with Dutch summary.

M 934 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Potato harvesting and handling demonstration in the Federal Republic of Germany (Dethlingen).) Demonstratie aardappeloogst en -verwerking te Dethlingen. Landbouwmechanisatie (1976)27(11) p. 1131-1133. Dutch, with English summary.

M 935 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Demonstration of multi-row sugarbeet harvesters in the Netherlands.) Meerrijige bietenoogstmachines op demonstratie te Veenhuizen. Landbouwmechanisatie (1976)27(12) p. 1165-1168. Dutch, with English summary.

M 936 Arnold, G.H. (IB). (The magnesium supply of grassland, 3: the effect of the use of "magnesamon" on the magnesium condition of the soil.) De magnesiumvoorziening van grasland, 3: de invloed van het gebruik van magnesamon op de magnesiumtoestand van de grond. Stikstof (1976)7(83) p. 463-464. Dutch, with Dutch summary.

M 937 Baart, E.A.D. (PAGV); (PD) & Naber, H. (Chemical weed control in - sugar - beets. Interprovincial experiments 1974/1975.) Chemische onkruidbestrijding in bieten. Interprovinciale proeven 1974/1975. Proefstation voor de Akkerbouw Lelystad/Plantenziektenkundige Dienst Wageningen, Serie 626 - Verslagen van interprovinciale proeven No. 162. Lelystad/Wageningen, 1975. pp. 51. Dutch.

M 938 Basedow, Th.; Borg, A.; Clercq, R. de; Nijveldt, W. (IPO) & Scherney, F. (Studies on the occurrence of Carabidae in European wheat fields.) Untersuchungen über das Vorkommen der Laufkäfer (Col.: Carabidae) auf europäischen Getreidefeldern. Entomophaga (1976)21(1) p. 59-72. Refs. 42. German, with English summary.

M 939 Becker, W.R. (PAGV). (Maize. A manual for the culture of maize.) Mais. Een handleiding voor de teelt van korrel- en snijmais. Publikaties Proefstation voor de Akkerbouw no. 21, Lelystad, 1976. pp. 84. Refs. 83. Dutch.

M 940 Beemster, A.B.R. (IPO). Translocation of the potato viruses YN and YO in some potato varieties. Potato Research (1976)19(2) p. 169-172. Refs. 5. English, with English summary.

M 941 Belderok, B. (IGMB). (Hardness of wheat grain and its importance for flour mill and bakery.) Korrelhardheid van tarwe en de betekenis ervan voor meelfabriek en bakkerij. Voedingsmiddelentechnologie (1976)10(1) p. 8-12. Refs. 10. Dutch.

M 942 Benders, G.A. (IMAG). Methods of harvesting and conserving silage and hay in the Netherlands. The Agricultural Engineer (1976)31(3) p. 48-49. English.

M 943 Beumer, J. (The influence of the system of labor organization on the returns of arable farms - in the Netherlands.) De invloed van het systeem van werkorganisatie op de bedrijfsuitkomsten van akkerbouwbedrijven. Bedrijfsontwikkeling (1976)7(2) p. 109-110. Dutch.

M 944 Boeren, E.G. (RUU). Heerma, W. & Terlouw, J.K. The use of labelled analogues for the determination of mass spectrometric fragmentation mechanisms of cannabinoids. A re-investigation of the formation of the most abundant fragment ion $(C_{15}H_{19}0_2)^+$ $\Delta^{1(6)}$ tetrahydrocannabinol. Organic Mass Spectrometry (1976)11(6) p. 659-663. Refs. 3. English.

M 945 Bokx, J.A. de. (IPO). Detection of potato virus A in potato tubers with primary or secundary infection. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 807-811. Refs. 6. English, with German summary.

M 946 Bokx, J.A. de. (IPO). (Virological research directed into the quality of seed potatoes.) Virologisch onderzoek gericht op de kwaliteit van pootaardappelen. NAK Mededelingen (1976)32(2-3) p. 32-43. Refs. 3. Dutch.

M 947 Bokx, J.A. de. (IPO). (Can potato tubers be infected with Y-virus by contact?) Kunnen aardappelknollen door contact met Y-virus worden besmet? NAK-Mededelingen (1976)33(1) p. 27-28. Dutch.

M 948 Burg, P.F.J. van. (LBNS). (Nitrogen fertilization of grassland. 11: measuring gross annual production.) De stikstofbemesting van grasland. 11: de meting van de bruto jaarproduktie. Stikstof (1976)7(83) p. 432-438. Dutch.

M 949 Cleij, G.; Bock, T.S.M. de & Lekkerkerker, B. (SVP). Crosses between Beta vulgaris L. and Beta lomatogona F. et M. Euphytica (1976)25(2) p. 539-547. Refs. 18. English, with English summary.

M 950 Deinum, B. (LHALPG). Structural inhibitors of quality in forage. Växtodling - Plant Husbandry (1974)(28) p. 42-51. Refs. 33. English.

M 951 Dilz, K. (IB). (Nitrogen fertilization of cereals, 27: experiences with testing out the nitrogen fertilization recommendation.) De stikstofbemesting van granen, 27: ervaringen met het toetsen van het bemestingsadvies voor stikstof. Stikstof (1976)7(83) p. 446-448. Refs. 5. Dutch, with Dutch summary.

M 952 Dilz, K. & Bos, J. van den. (IB). (Grass green manuring. 1: determination of the soil reclaiming capacity of root systems of grass green manures with the aid of a sprinkler installation.) Grasgroenbemesting, 1: bepaling van het grondvasthoudend vermogen van wortelstelsels van grasgroenbemesters met behulp van een regenapparaat. Stikstof (1976)7(83) p. 465-466. Dutch.

M 953 Dixhoorn, J.A.L. van. (NAK). (Certification of grass seed mixings by the N.A.K. in the season june 1975 - june 1976.) De plombering van graszaadmengsels door de N.A.K. in het seizoen juni 1975 - juni 1976. Zaadbelangen (1976)30(11) p. 323-326. Dutch.

M 954 Dreven, Z. (RPZ). (Chromosome research by the R.P.v.Z.) Chromosomenonderzoek door het R.P.v.Z. NAK-Mededelingen (1976)33(1) p. 19-22. Dutch.

M 955 Ebbers, W.J. (CD). (Surface drainage on heavy clay grassland.) Oppervlakte-afvoer op zware kleigraslanden. Cultuurtechnisch Tijdschrift (1976)15(5) p. 267-273. Dutch, with Dutch summary.

M 956 El Baradi, T.A. (KIT). Pulses, 1: cowpeas. Abstracts on Tropical Agriculture (1975)1(12) p. 9-19. Refs. 140. English.

M 957 Groeneveld, H.W. (RUU). A comparative investigation of the particle fractions from Hoya, Dischidia and Euphorbia latices. Acta Botanica Neerlandica (1976)25(2) p. 167-178. Refs. 30. English, with English summary.

M 958 Groot, J.J.M.C. de. (RUU). An EPR study contributing to the elucidation of the reaction mechanism of soybean lipoxygenase-1. Doctoral thesis, Utrecht, 1976. pp. 63. Refs. English, with English and Dutch summaries.

M 959 Hag, B.A. ten. (PAGV). (Netherlands: What is going on in cereal culture?) Niederlande: Was tut sich im Getreidebau? DLG-Mitteilungen (1976)91(1) p. 17-18. German.

M 960 Harkes, P.A.A. (RUL). (Activity and organization of the root apex of Avena sativa L. A cell population kinetic research.) Aktiviteit en organisatie van de wortelapex van Avena sativa L. Een celpopulatiekinetisch onderzoek. Doctoral thesis, Leiden, 1976. pp. 58. Refs. 48. English and Dutch, with English and Dutch summaries.

M 961 Hart, M.L. 't. (LHALPG). (The effect of nitrogen fertilization on yield and botanical composition of grassland.) De invloed van stikstofbemesting op de produktie en de botanische samenstelling van grasland. Stikstof (1976)7(83) p. 335-339. Refs. 13. Dutch.

M 962 Hellendoorn, E.W. (CIVO). Beneficial physiologic action of beans. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1077, Zeist, 1976. pp. 5. Refs. 32. English. Repr.: Journal of the American Dietetic Association (1976)69(3) p. 248-252.

M 963 Hendriks, H. (RUU). A new relation scheme between the species and hybrids of the genus Mentha subgenus Menthastrum. Pharmaceutisch Weekblad (1977)112(2) p. 48-54. Refs. 31. English, with Dutch and English summaries.

M 964 Hoogerkamp, M.(CABO)& Hoogerbrugge, A. (Quackgrass - Elytrigia repens - control in grassland.) Kweekbestrijding in grasland. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 903-905. Ref. 1. Dutch.

M 965 Hoogerkamp, M. (CABO) & Hoogerbrugge, A. (Mole - Talpa europaea - control in grassland.) Mollenbestrijding in grasland. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 1023-1025. Dutch.

M. 966 (Institute for Research on Varieties of Field Crops, Wageningen. Annual Report 1975.) (IVRO). Instituut voor Rassenonderzoek van Landbouwgewassen, Wageningen. Jaarverslag 1975. IVRO, Wageningen. 1976. pp. 105. Dutch.

M 967 Jager, J. & Rozenveld, T. (PAGV). (Effect of plant densities and nitrogen levels on starch potatoes.) Plantaantallen en stikstoftrappen bij fabrieksaardappelen. Rapporten Proefstation voor de Akkerbouw no. 37, Lelystad, 1976. pp. 29. Dutch, with English and Dutch summaries.

M 968 Janssen, A.W.B. & Hermsen, J.G.T. (LHIVP). Estimating pollen fertility in Solanum species and haploids. Euphytica (1976)25(3) p. 577-586. Refs. 5. English, with English summary.

M 969 Keijbets, M.J.H. (IBVL); Pilnik, W. & Vaal, J.F.A. Model studies on behaviour of pectic substances in the potato cell wall during boiling. Potato Research (1976)19(4) p. 289-303. Refs. 38. English, with German, English and French summaries.

M 970 Kloek, H. & Spoelstra, L.H. (LHALT). (Comparison of the annual costs of some harvesting- and feeding systems of roughage on cattle farms.) Vergelijking van de jaarkosten van verschillende oogst- en voersystemen van ruwvoer op veehouderijbedrijven. Bedrijfsontwikkeling (1976)7(11) p. 833-840. Refs. 25. Dutch, with English summary.

M 971 Klooster, J.J. (IMAG). (Grassland renovation - sowing techniques.) Inzaaitechnieken bij graslandverbetering. IMAG-Publikaties no. 56, Wageningen, 1976. pp. 24. Refs. 5. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 972 Kooy, J.H. (RUU). (The alkaloids of Sedum acre (L.).) De alkaloiden van muurpeper (Sedum acre L.). Pharmaceutisch Weekblad (1977)112(2) p. 59-60. Refs. 10. Dutch, with English summary. Also: Planta Medica (1976)30(3) p. 295-296. Refs. 2. English.

M 973 Kraal, B. (RUL) et al. The primary structure of the coat protein of alfalfa mosaic virus (Strain 425). Virology (1976)74(1) p. 232-235. Refs. 30. English.

M 974 Kroese, W.T. (N.V. Nijverdal-ten Cate, Postbus 58, Almelo). (Old tendencies and new developments in the international textile industry 1945 - 1975 (II) - cotton, man-made fibers.) Oude tendensen en nieuwe ontwikkelingen in de internationale textielindustrie 1945 - 1975 (II). Economisch Statistische Berichten (1976)61(3035) p. 32-36. Dutch.

M 975 Kromwijk, P.A.M. (PAGV). (Shift the preparation of seed beds for sugar beets to the autumn?) Zaaibedbereiding voor suikerbieten naar de herfst verschuiven? Bedrijfsontwikkeling (1976)7(10) p. 757-761. Dutch, with Dutch summary.

M 976 Lange, J.M. (IMAG). (Electricity in arable farming and cattle farming.) De elektriciteit in de akkerbouw en de veehouderij. IMAG-Publikaties no. 71, Wageningen, 1976. pp. 48. Refs. 41. Dutch, with English and Dutch summaries. Price ƒ 7,50.

M 977 Lange, W. & Wojciechowska, B. (SVP). The crossing of common wheat (Triticum aestivum L.) with cultivated rye (Secale cereale L.), 1: crossability, pollen grain germination and pollen tube growth. Euphytica (1976)25(3) p. 609-620. Refs. 36. English, with English summary.

M 978 Lange, W. & Jochemsen, G. (SVP). The production and behaviour of hexaploid hybrids between Hordeum vulgare and H. bulbosum. Euphytica (1976)25(3) p. 621-631. Refs. 27. English, with English summary.

M 979 Loo, L. van. (Consulentschap voor Landbouwwerktuigen en Arbeid. Mansholtlaan 12, Wageningen). (Turnip harvesting machines in Germany.) Demonstratie knollentrekmachines in West-Duitsland. Landbouwmechanisatie (1976)27(12) p. 1185-1187. Dutch, with English summary.

M 980 Lugt, C.B. (RUG). Variability in the occurrence of formylated digitalose glycosides in Digitalis purpurea L. Doctoral thesis, Groningen, 1975. pp. 100. Refs. 69. English, with English and Dutch summaries.

M 981 Luten, W. & Roozeboom, L. (PR). (Influence of wheel tracks on grassland production.) Invloed van berijden op de opbrengst van verschillende grassen. Landbouwmechanisatie (1976)27(6) p. 561-562. Dutch, with English summary.

M 982 Meijer, E.N.C. (IMAG). (Potato harvesting demonstration in the U.K.) Aardappelrooidemonstratie in Engeland. Landbouwmechanisatie (1976)27(12) p. 1219-1222. Dutch, with English summary.

M 983 Meijer, E.N.C.; Frederiks, J. & Werken, G. van der. (IMAG). (High output from the structural belt fed potato planter by means of a palletized system.)Hoge capaciteit met een snarenpootmachine met pallets. Landbouwmechanisatie (1976)27(6) p. 529-530. Dutch.

M 984 Meijers, C.P. (IBVL). (Control of tuber diseases - potatoes - in storage with TBZ (Thiabendazole).) Bestrijding van knolziekten tijdens de bewaring met TBZ (Thiabenzadol). NAK-Mededelingen (1976)33(1) p. 23-25. Dutch.

M 985 Meijs, J.A.C. (IVH). (Orientating study of Dutch grassland research.) Oriëntatiestudie Nederlands graslandonderzoek. Interne Rapporten Instituut voor Veevoedingsonderzoek "Hoorn" no. 82, Hoorn, 1975. pp. 52. Refs. 80. Dutch.

M 986 Miedema, P.; Gelder, W.M.J. van & Post, J. (SVP). Coagulable protein in potato: screening method and prospects for breeding. Euphytica (1976)25(3) p. 663-670. Refs. 12. English, with English summary.

M 987 Mills, J.T. & Bollen, G.J. (LHAF). Microflora of heat-damaged rapeseed. Canadian Journal of Botany (1976)54(24) p. 2893-2902. Refs. 22. English.

M 988 Mooi, J.C. (IPO) & Mosch, W.H.M. Identification of potato tuber rot, caused by Phoma exigua var. Foveata by application of thin layer chromatography. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 573-576. Refs. 10. English.

M 989 Olsder, J. & Hermsen, J.G.T. (LHIVP). Genetics of self-compatibility in dihaploids of Solanum tuberosum L. I. breeding behaviour of two self-compatible dihaploids. Euphytica (1976)25(3) p. 597-607. Refs. 24. English, with English summary.

M 990 Oostendorp, D. (PR) et al. (The consequences of a high stocking rate for grassland exploitation and winter feeding.) De gevolgen van een hoge veebezetting voor de graslandexploitatie en de wintervoeding. Stikstof (1976)7(83) p. 452-462. Refs. 7. English, with Dutch summary.

M 991 Ouden, H. den. (IPO). The effect of different ways of watering pots after the application of aldicarb on control of the potato cyst-nematode. Netherlands Journal of Plant Pathology (1977)83(1) p. 1-4. Refs. 10. English, with English and Dutch summaries.

M 992 Parlevliet, J.E. (LHIVP). Partial resistance of barley to leaf rust, Puccinia hordei, 3: the inheritance of the host plant effect on latent period in four cultivars. Euphytica (1976)25(2) p. 241-248. Refs. 13. English, with English summary.

M 993 Parlevliet, J.E. (LHIVP). The genetics of seedling resistance to leaf rust, Puccinia hordei Otth. in some spring barley cultivars. Euphytica (1976)25(2) p. 249-254. Refs. 11. English, with English summary.

M 994 Persoons, C.J. (TNO); Voerman, S.; Verwiel, P.E.J.; Ritter, F.J.; Nooyen, W.J. & Minks, A.K. Sex pheromone of the potato tuberworm moth, Phthorimaea operculella: isolation, identification and field evaluation. Entomologia Experimentalis et Applicata (Netherlands) (1976)20(3) p. 289-300. Refs. 21. English, with German and English summaries.

M 995 Plas, L.H.W. van der; Jobse, P.A. & Verleur, J.D. (VUA). Cytochrome c dependent, antimycin-A resistant respiration in mitochondria from potato tuber (Solanum tuberosum L.). Influence of wounding and storage time on outer membrane NADH-cytochrome-c-reductase. Biochimica et Biophysica Acta - Bioenergetics (1976)430(1) p. 1-12. Refs. 39. English, with English summary.

M 996 (Potato Board 1975 - Netherlands.) (Produktschap voor Aardappelen, Stadhoudersplantsoen 12, Den Haag). Produktschap voor Aardappelen 1975. Produktschap voor Aardappelen, The Hague, 1976. pp. 96. Dutch.

M 997 Preuter, H. (PAGV). (Economic interpretation of long term crop rotation research.) Bedrijfseconomische interpretatie van meerjarig vruchtwisselingsonderzoek. Landbouwkundig Tijdschrift (1976)88(11) p. 359-363. Dutch.

M 998 Preuter, H. (PAGV). (Production, use and economic value of cereal straw.) Produktie, verbruik en bedrijfseconomische betekenis van graanstro. Rapporten Proefstation voor de Akkerbouw no. 35, Lelystad, 1976. pp. 42. Refs. 25. Dutch.

M 999 Prins, W.H. & Postmus, J. (IB). (Nitrogen fertilization of grassland. 12: effect of a nitrogen application in a dry period on the regrowth of mowed grassland.) De stikstofbemesting van grasland, 12: de invloed van een stikstofgift in een droogteperiode op de hergroei van gemaaid grasland. Stikstof (1976)7(83) p. 439-441. Dutch, with Dutch summary.

M 1000 (Prognosis of economic results of arable and cattle farms in 1976/77 - in the Netherlands.) (LEI). Prognose van bedrijfsresultaten op akkerbouw- en rundveehouderijbedrijven in 1976/77.

LEI-Inlichtingen no. 157. The Hague, 1976. pp. 33. Tables. Dutch.

M 1001 (Quantitative information on arable farming - 1976-1977.) (PAGV). Kwantitatieve akkerbouwinformatie - bedrijfssynthese 1976-1977. Publikaties Proefstation voor de Akkerbouw no. 23, Lelystad, 1976, pp. 104. Tables. Dutch.

M 1002 Ramanna, M.S. (LHIVP) & Wagenvoort, M. Identification of the trisomic series in diploid Solanum tuberosum L., group tuberosum. 1: chromosome identification. Euphytica (Netherlands) (1976)25(2) p. 233-240. Refs. 18. English, with English summary.

M 1003 Rauw, G.J.G. (IB). (Nitrogen fertilization of grassland. 13: the effect of pH of the soil on the nitrogen reaction of grassland.) De stikstofbemesting van grasland. 13: de invloed van de zuurgraad (pH) van de grond op de stikstofreaktie van grasland. Stikstof (1976)7(83) p. 442-445. Refs. 5. Dutch, with Dutch summary.

M 1004 (Research - on crop production - 1975.) (Stichting voor de Akkerbouwproefboerderijen, Boslaan 17, Emmen). Onderzoek 1975. Stichting voor de Akkerbouwproefboerderijen, Emmen, 1976. pp. 156. Dutch.

M 1005 (Research - on crop production - 1976.) (Stichting voor de Akkerbouwproefboerderijen, Boslaan 17, Emmen). Onderzoek 1976. Stichting voor de Akkerbouwproefboerderijen, Emmen, 1977. pp. 142. Dutch.

M 1006 Ridder, J.K. (PAGV). (Seed amounts and nitrogen fertilization in winter wheat.) Zaaizaadhoeveelheden en stikstofbemesting bij wintertarwe. Bedrijfsontwikkeling (1976)7(11) p. 845-850. Dutch, with Dutch summary.

M 1007 Ris, J. (IB). (Possibilities of soil analysis for advisory work on nitrogen fertilization for ware potatoes and sugar beets.) Mogelijkheden van grondonderzoek voor het geven van stikstofbemestingsadviezen voor consumptie-aardappelen en suikerbieten. Bedrijfsontwikkeling (1976)7(10) p. 766-770. Refs. 5. Dutch, with Dutch summary.

M 1008 Roessingh, H.K. (LHAAG). (Inland tobacco. Expansion and contraction of a cash crop in the 17th and 18th centuries in the Netherlands.) Inlandse tabak. Expansie en contractie van een handelsgewas in de 17e en 18e eeuw in Nederland. Doctoral thesis, Wageningen, 1976. pp. 594. Refs. pp. 24. Dutch, with English and Dutch summaries.

M 1009 Roest, S. & Bokelmann, G.S. (ITAL). Vegetative propagation of Solanum tuberosum L. in vitro. Potato Research (1976)19(2) p. 173-178. Refs. 33. English, with English summary.

M 1010 Saedt, A.P.H. (IMAG). (Locations and sizes of green forage drying factories. A location-allocation analysis.) Ligging en grootte van een stel groenvoederdrogerijen. Een locatie-allocatie analyse. IMAG-Publikaties no. 54, Wageningen, 1976. pp. 30. Refs. 7. Dutch, with English and Dutch summaries. Price f 5,—.

M 1011 Salemink, C.A. (RUU). (Cannabis.) Cannabis. Pharmaceutisch Weekblad (1977)112(2) p. 54-59. Refs. 20. Dutch, with English summary.

List of codes

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ANWB	Royal Netherlands Tourist Federation - Wassenaarseweg 220, The Hague
BGD	Office of Joint Services - P.O. Box 33, Wageningen
BGG	Laboratory for Soil and Crop Testing - Mariëndaal, Oosterbeek
BLO	Aphid Research Laboratory - Edeseweg 139, Bennekom
CABO	Centre for Agrobiological Research - P.O. Box 14, Wageningen
CBL	State Advisory Service for Soil in Agriculture - Marijkeweg 11, Wageningen
CBS	Netherlands Central Bureau of Statistics - Prinses Beatrixlaan 428, Voorburg
CBSC	Central Bureau of Fungal Cultures - Oosterstraat 1, Baarn
CD	Land Improvement Service - Maliebaan 21, Utrecht
CDIL	Central Veterinary Institute - Houtribweg 39, Lelystad
CDIR	Central Veterinary Institute - P.O. Box 6007, Rotterdam
CELOS	Centre for Agricultural Research in Surinam - P.O. Box 1914, Paramaribo (Surinam)
CIVO	Central Inst. for Nutrition and Food Research, Utrechtseweg 48, Zeist
CPB	Central Planning Bureau - Van Stolkweg 14, The Hague
CPOL	State Advisory Service for Plant diseases and Weed control in agriculture - Geertjesweg 15, Wageningen
CPOT	State Advisory Service for Plant diseases and Weed control in horticulture - Geertjesweg 15, Wageningen
CRM	Ministry of Culture, Recreation and Social service - Steenvoordelaan 370, Rwk, The Hague
CV	State Advisory Service for Pig keeping, Willemsplantsoen 6, Utrecht
DAZ	Directorate General of Agriculture: Directorate of General Affairs - Bezuidenhoutseweg 73, The Hague
DB	Directorate General of Agriculture: Directorate of Farm Improvement - Bezuidenhoutseweg 73, The Hague
DF	Directorate General of Agriculture: Directorate of Fauna Management - Bezuidenhoutseweg 73, The Hague
DL	Ministry of Agriculture and Fisheries: Directorate of Agricultural Education - Bezuidenhoutseweg 73, The Hague
DLB	Surinam Forest Service - Postbus 436, Paramaribo (Surinam)
DLIV	Directorate General for Rural Planning and Fisheries - Bezuidenhoutseweg 73, The Hague
DLO	Directorate General of Agriculture: Directorate of Agricultural Research - Bezuidenhoutseweg 73, The Hague
DM	Directorate of Marketing Regulations - Bezuidenhoutseweg 73, The Hague

LHAH	Agricultural University: Department of Home Economics - P.O.Box 61, Wageningen
LHAHGL	Agricultural University: Department of Silviculture in the Temperate Zone - Gen. Foulkesweg 64, Wageningen
LHAHL	Agricultural University: Department of Hydraulics - Nieuwe Kanaal 11, Wageningen
LHAIB	Agricultural University: Department of Business Administration - Gen. Foulkesweg 55, Wageningen
LHAL	Agricultural University: Department of Air Pollution - Binnenhaven 12, Wageningen
LHALA	Agricultural University: Department of Landscape Architecture - Wilhelminaweg 1, Wageningen
LHALPG	Agricultural University: Department of Field Crops and Grassland Husbandry - Haarweg 33, Wageningen
LHALBS	Agricultural University: Department of Soils and Fertilizers - De Dreijen 3, Wageningen
LHALHT	Agricultural University: Department of Development Economics - Hollandseweg 1, Wageningen
LHALM	Agricultural University: Department of Surveying - Hesselink van Suchtelenweg 6, Wageningen
LHALMT	Agricultural University: Department of Food Science - De De Dreijen 12, Wageningen
LHALT	Agricultural University: Department of Agricultural Engineering - Mansholtlaan 12, Wageningen
LHAM	Agricultural University: Department of Microbiology - Hesselink van Suchtelenweg 4, Wageningen
LHAMB	Agricultural University: Department of Molecular Biology - De Dreijen 11, Wageningen
LHAMM	Agricultural University: Department of Marketing and Marketing Research - Hollandseweg 1, Wageningen
LHAN	Agricultural University: Department of Nematology - Binnenhaven 10, Wageningen
LHANB	Agricultural University: Nature Conservation Department - Marijkeweg 15, Wageningen
LHANW	Agricultural University: Department of Physics and Meteorology - Duivendaal 2, Wageningen
LHAOC	Agricultural University: Department of Organic Chemistry - De Dreijen 5, Wageningen
LHAPK	Agricultural University: Department of Botany - Arboretumlaan 4, Wageningen
LHAPN	Agricultural University: Department of Town and Country Planning - Wilhelminaweg 1, Wageningen
LHAPO	Agricultural University: Department of Plant Physiological Research - Gen. Foulkesweg 72 & Arboretumlaan 4, Wageningen
LHAPS	Agricultural University: Department of Plant Taxonomy and Plant Geography - Gen. Foulkesweg 37, Wageningen
LHAPV	Agricultural University: Department of Poultry Husbandry - Middelbuurtseweg 9, Rhenen (post Veenendaal)

LHARSN	Agricultural University: Department of Jurisprudence and Political Science of the non-Western Countries, including Agricultural Cooperative and Credit System - Hollandseweg 1, Wageningen
LHARSW	Agricultural University: Department of Jurisprudence and Political Science of the Western Countries - Hollandseweg 1, Wageningen
LHAS	Agricultural University: Department of Rural Sociology and Sociography - Hollandseweg 1, Wageningen
LHASH	Agricultural University: Department of Economics - Hollandseweg 1, Wageningen
LHASN	Agricultural University: Department of Rural Sociology and Sociography of the Tropics and Subtropics - Hollandseweg 1, Wageningen
LHAT	Agricultural University: Department of Toxicology - De Dreijen 12, Wageningen
LHATP	Agricultural University: Department of Tropical Crop Husbandry - Prof. Ritzema Bosweg 32, Wageningen
LHATPT	Agricultural University: Department of Horticulture - Haagsteeg 3, Wageningen
LHATT	Agricultural University: Department of Theoretical Production Ecology - De Dreijen 3, Wageningen
LHAV	Agricultural University: Department of Virology - Binnenhaven 11, Wageningen
LHAVL	Agricultural University: Department of Extension Education - Heerenstraat 25, Wageningen
LHAVO	Agricultural University: Department of Food and Nutrition - Ritzema Bosweg 32a, Wageningen
LHAVP	Agricultural University: Department of Plant Ecology - De Dreijen 11, Wageningen
LHAVT	Agricultural University: Department of Animal Husbandry - Duivendaal 5, Wageningen
LHAVV	Agricultural University: Department of Animal Feeding - Haagsteeg 4, Wageningen
LHAWK	Agricultural University: Department of Mathematics - De Dreijen 8, Wageningen
LHAWW	Agricultural University: Department of Irrigation and Civil Engineering - Nieuwe Kanaal 11, Wageningen
LHAWZ	Agricultural University: Department of Water Purification - De Dreijen 12, P.O.Box 62, Wageningen
LHAZM	Agricultural University: Department of Dairying - De Dreijen 12, Wageningen
LHB	Agricultural University: Board of Governors of the Agricultural University - Salverdaplein 10, Wageningen
LHBSW	Agricultural University: Biological Station - Kampsweg 27, Wijster
LHIVP	Agricultural University: Department of Plant Breeding - Lawickse Allee 166, Wageningen
LIO	Laboratory for Insecticides Research - Marijkeweg 22, Wageningen

LPS	Agricultural Experiment Station in Surinam - Paramaribo (Surinam)
MLV	Ministry of Agricultural and Fisheries - Bezuidenhoutseweg 73, The Hague
MLVV	Ministry of Agriculture, Animal Husbandry and Fisheries - Paramaribo (Surinam)
MOC	Research Centre for Milk Hygiene - Duivendaal 6, Wageningen
MVM	Ministry of Public Health & Environment Hygiene - Dr. Reijerstraat 8-12, Leidschendam
NAK	Netherlands General Inspection Service for Agricultural Seeds and Seed Potatoes - P.O.Box 5, Wageningen
NAKB	Netherlands General Inspection Service for Nursery Trees - Groot Hertoginnelaan 192, The Hague
NAKG	Netherlands General Inspection Service for Vegetable and Flower Seeds - Laan Copes van Cattenburch 56, The Hague
NAKS	Netherlands General Inspection Service for Ornamentals - Groot Hertoginnelaan 192, The Hague
NEI	Netherlands Economic Institute, Burgemeester Oudlaan 50, Rotterdam
NIBEM	National Institute for Malting barley, Malt and Beer - Utrechtseweg 46, Zeist
NIOZ	Netherlands Institute for Sea Research - 't Horntje, P.O.Box 59, den Hoorn, Texel
NIWARS	Netherlands Interdepartmental workinggroup for the application of remote sensing techniques - Kanaalweg 3, Delft
NIZO	Netherlands Institute for Dairying Research - P.O.Box 20, Ede
NKF	Netherlands Fertilizer Federation - Hogeweg 16, The Hague
OVB	Organization for the Improvement of Inland Fisheries - Stadhouderslaan 53, Utrecht
PAGV	Research Station for Arable Farming and for Vegetable Growing in the Open - Edelhertweg 1, Lelystad
PBN	Research Station for Floriculture in the Netherlands - Linnaeuslaan 2A, Aalsmeer
PBO	Research Station for Arboriculture - Valkenburgerlaan 3, Boskoop
PC	Research Station for Mushroom Growing - Peelheideweg - Horst-America (L.), Postbus 6042, Horst (L.)
PD	Plant Protection Service - Geertjesweg 15, Wageningen
PDPB	Philip-Duphar, Boekesteyn Experimental Garden - Zuidereinde 419, 's-Graveland
PDW	Philips-Duphar, C.J. van Houtenlaan 36, Weesp
PF	Research Station for Fruit Growing - Wilhelminadorp (post Goes)
PFL	Flevoland Experimental Farm of the Landbouwhogeschool - P.O. Box 26, Dronten
PGF	Glasshouse Crops Research and Experiment Station - Zuidweg 38, Naaldwijk
PLUVA	Foundation for Research of Poultry and Pigs, Utrechtseweg 371, Amersfoort
PLWCS	W. Commelin-Scholten Phytopathological Lab. - Javalaan 20, Baarn

PR	Research Station foor Cattle Husbandry - Runderweg 6, Lelystad
PUDOC	Centre for Agricultural Publishing and Documentation - P.O.Box 4, Wageningen
PVS	Commodity Board for Ornamental Crops - P.O.Box 361, The Hague
PZ	Commodity Board for Dairying - Winston Churchilllaan 275, Rijswijk (Z.H.)
RAAD	State Service for Dairy and Agricultural Effluent - Kemperbergerweg 11, Arnhem
RBL	Government Research Institute for Forestry and Landscape building "De Dorschkamp" - P.O.Box 23, Wageningen
RGD	Rijks Geologische Dienst, Postbus 157, Haarlem
RIDV	State Institute for the supply of drinking water, Parkweg 13, The Hague
RIN	Research Inst. for Nature Management - Kemperbergerweg 11, Arnhem
RIV	State Institute of Public Health - Postbus 1, Bilthoven
RIVO	National Fisheries Research Institute - Haringkade 1, IJmuiden
RIVRO	State Institute for Research on Varieties of Cultivated Plants - P.O.Box 32, Wageningen
RIZA	State Institute for Purification of Effluent - Westeinde 3a, Voorburg
RLD	Directorate General of Agriculture: State Agricultural Advisory Service - Bezuidenhoutseweg 73, The Hague
RPD	National Service of Town and Country Planning - Lange Voorhout 19, The Hague
RPZ	Government Seed Testing Station - Binnenhaven 1, Wageningen
RUG	State University - Groningen
RUL	State University - Leiden
RUU	State University - Utrecht
RUUFD	State University, Utrecht: Faculty of Veterinary Medecine - Biltstraat 172, Utrecht
RW	State Public Works - Van Hogenhoucklaan 60, The Hague
RIJ	IJsselmeer Polders Development and Settlement Authority - Zuiderwagenplein 2, Lelystad
RZ	State Dairy Station - Veerwijkstraat 12b, Leiden
SBB	Directorate General of Agriculture: State Forest Management - Museumlaan 2, Utrecht
SBO	Foundation for Blood Group Studies in Animals - Lawickse Allee 13, Wageningen
SDO	Veterinary Research Trust - Postbus 65, Lelystad
SGP	Poultry Health Service - Oude Rijksstraatweg 43, Doorn
SI	Sprenger Research Institute for Storage and Processing of Horticultural Produce - P.O.Box 17, Wageningen
SMLS	Foundation for Development of Mechanized Agriculture in Surinam
SNUIF	Netherlands Onion Federation Trust - P.O.Box 68, Middelharnis
SNVV	Foundation for Growing and Processing of Flax in the Netherlands - P.O.Box 26, Wageningen

STIBOKA	Netherlands Soil Survey - P.O.Box 98, Wageningen
SVP	Foundation for Agricultural Plant Breeding - P.O.Box 117, Wageningen
SVA	Foundation for Removing Refuse matter, Utrechtseweg 223, Amersfoort
TFDL	Technical and Physical Engineering Research Service - Mansholtlaan 12, Wageningen
THD	Technological University - Delft
THE	Technological University - Eindhoven
THT	Technological University - Enschede
TNO	Central organization for Research in the Applied Sciences - P.O.Box 297, The Hague
URL	Unilever Research Laboratories - P.O.Box 114, Vlaardingen
VAM	Garbage-Disposal Company - J. Obrechtstraat 67, Amsterdam
VBNN	Society for Nature Conservation in the Netherlands - Herengracht 540, Amsterdam
VD	Directorate General of Agriculture: Veterinary Service - Koningin Julianaplein 3, The Hague
VUA	Free University - Amsterdam
VV	Education Bureau for Food and Nutrition - Laan Copes van Cattenburch 44, The Hague
ZWO	Netherlands Organization for the Advancement of Pure Research - J. van Stolberglaan 148, The Hague

M 1012 Schaaf, A. van der. (PAGV). (Some cultivational aspects of the narrowing of the cropping plan.) Enkele teeltkundige aspecten van bouwplanvernauwing. Landbouwkundig Tijdschrift (1976)88(11) p. 355-358. Dutch.

M 1013 Schepers, J.H. (IB). (Nitrogen fertilization of cereals. 28: nitrogen activity of urea compared to calcium ammonium nitrate with winter wheat on a clay soil.) De stikstofbemesting van granen, 28: de stikstofwerking van ureum in vergelijking met kalkammonsalpeter bij wintertarwe op kleigrond. Stikstof (1976)7(83) p. 449-451. Dutch, with Dutch summary.

M 1014 Schukking, S. (PR). The history of silage making. Stikstof - Dutch Nitrogen Fertilizer Review (1976)(19) p. 2-11. Refs. 20. English.

M 1015 Shimomura, T. & Dijkstra, J. (LHAV). Effect of eosin Y on the formation of local lesions and on the accumulation of callose in 'Samsun NN' tobacco and French bean leaves inoculated with tobacco mosaic virus. Netherlands Journal of Plant Pathology (1976)82(3) p. 109-118. Refs. 13. English, with English and Dutch summaries.

M 1016 Sibma, L. & Alberda, T. (CABO). (Retarded growth of grass during the growing season.) De groeivermindering van gras gedurende het groeiseizoen. Stikstof (1976)7(83) p. 383-388. Refs. 7. Dutch.

M 1017 Smelt, J.H. (LIO) et al. Uptake of DDT and related compounds from soils into forage crops. Agro-Ecosystems (Netherlands) (1975)2(2) p. 133-143. Refs. 13. English, with English summary.

M 1018 Smelt, J.H. (LIO) et al. Effects of ensilage methods and field drying on residues of DDT in grass and alfalfa. Agro-Ecosystems (Netherlands) (1975)2(2) p. 145-151. Refs. 5. English, with English summary.

M 1019 Smook, A.A.H. (RIJ). (The effect of postponing the harvest on yield and quality of cereals and rape seed.) De invloed van uitstel van de oogst op opbrengst en kwaliteit van granen en koolzaad. Flevoberichten no. 105. Lelystad, 1975. pp. 44. Refs. 5. Dutch, with Dutch summary.

M 1020 Soest, J. van. (CEDLA). Sisal in Curaçao: an experiment that failed (1896-1925). Boletin des Estudios Latinoamericanos y del Caribe (1975)(18) p. 88-111. English. (CEDLA = Centro de Estudios y Documentación Latinoamericanos, Amsterdam).

M 1021 Spek, J. van der. (IPO). The primary infection of wheat by Cercosporella herpotrichoides Fron. Mededelingen van de Fakulteit Landbouwwetenschappen Rijksuniversiteit Gent (1975)40(2) p. 587-595. Refs. 12. English, with Dutch summary.

M 1022 Suchtelen, N. van. (SVP). Triploids of the common potato, Solanum tuberosum L. Potato Research (1976)19(4) p. 377-380. Refs. 9. English, with English summary.

M 1023 Sijtsma, R. (CABO), Baart, F.A.D. & Vreeke, S. (Chemical weed control in caraway.) Chemische onkruidbestrijding in karwij. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 961-975. Refs. 2. Dutch, with English summary.

M 1024 Tempe, J. de (RPZ) & Bekendam, J. (Seeding value of superannuated wheat.) De uitzaaiwaarde van overjarige tarwe. NAK-Mededelingen (1976)33(1) p. 16-18. Dutch.

M 1025 Thomas, H. (PR). (Grassland culture and advisory work - in the Netherlands - from 1950 up to the present.) Weidebouw en voorlichting van 1950 tot heden. Stikstof (1976)7(83) p. 360-376. Refs. 10. Dutch, with Dutch summary.

M 1026 Verhagen, J. et al. (RUU). Conversion of 9-D- and 13-L-hydroperoxylinoleic acids by soybean lipoxygenase-1 under anaerobic conditions. Biochimica et Biophysica Acta - Lipids and lipid metabolism (1977)486(1) p. 114-120. Refs. 13. English, with English summary.

M 1027 Vierbergen, G.(RPZ). (Determination of Poa pratensis varieties.) Onderscheiding van veldbeemdgrassen. NAK-Mededelingen (1976)33(1) p. 8-11. Dutch.

M 1028 Visser, J.H. (LHAE). The design of a low-speed wind tunnel as an instrument for the study of olfactory orientation in the Colorado Beetle (Leptinotarsa decemlineata). Entomologia Experimentalis et Applicata (1976)20(3) p. 275-288. Refs. 28. English, with German and English summaries.

M 1029 Wal, A.F. van der & Luuring, B.B. (Stichting Nederlands Graan-Centrum, Bornsesteeg 45, Wageningen). (Leptosphaeria nodorum Mueller (Septoria nodorum Berk.).) Leptosphaeria nodorum Mueller (Septoria nodorum Berk.). Technische Berichten Stichting Nederlands Graan-Centrum no. 22, Wageningen, 1976. pp. 78. Refs. 100. Dutch.

M 1030 Wieling, H. (PR). (Grassland culture, fodder crop production and advisory work now.) Weide- en voederbouw en de voorlichting nu. Stikstof (1976)7(83) p. 377-380. Dutch, with Dutch summary.

M 1031 Wijk, A. van & Cornelissen, J.G. (IMAG). (The roundbaler used for silage making.) De oprolpers bij het inkuilen. Landbouwmechanisatie (1976)27(6) p. 537-543. Dutch, with English summary.

M 1032 Wybenga, J.M. (Unie van Kunstmestfabrieken BV, Maliebaan 81, Utrecht). Cultivation and manuring of sunflowers. Stikstof - Dutch Nitrogen Fertilizer Review (1976)(19) p. 13-19. Refs. 29. English.

M 1033 Zeven, A.C. (LHIVP). Seventh supplementary list of wheat varieties classified according to their genotype for hybrid necrosis and geographical distribution of Ne-genes. Euphytica (1976)25(2) p. 255-276. Refs. 52. English, with English summary.

M 1034 Zijdewind, C. (Consulentschap voor de Akkerbouw, Laan 22, Schagen). (The belt-fed potato planter in practice.) De snarenpootmachine in de praktijk gevolgd. Landbouwmechanisatie (1976)27(11) p. 1111-1112. Dutch, with English and Dutch summaries.

FORESTRY

(Also Nos M 597, 599, 653, 752, 753, 772, 790, 1376, 1410)

M 1035 Akkermans, A.D.L. (LHAM) & Dijk, C. van. The formation and nitrogen-fixing activity of the root nodules of Alnus glutinosa under field conditions. Symbiotic nitrogen fixation in plants ; International Biological Programme 7, Cambridge University Press. 1976. p. 511-520. Refs. 11. English.

M 1036 Aukema, B. (Bruntingerweg 1, Wijster). (Occurrence and ethology of Oxycarenus modestus (Fallén, 1829) (Heteroptera, Lygaeidae) - consuming Alnus glutinosa seed.) Voorkomen en levenswijze van Oxycarenus modestus (Fallén, 1829) (Heteroptera, Lygaeidae). Entomologische Berichten (1976)36(11) p. 161-163. Refs. 3. Dutch, with English summary.

M 1037 Berg, M.C. van den & Bijlsma, M.P. (SBB). (Afforestation in urban areas.) Bosaanleg in stedelijke gebieden. Groen (1976)32(6) p. 167-174. Refs. 8. Dutch.

M 1038 Boerwinkel, H.W.J. (Landbouwhogeschool, Vakgroep Psychologie "De Leeuwenborgh", Hollandseweg 1, Wageningen) & Broekhuizen-Bos, G.E. (The image of poplars and other tree species with users.) Het "image" van populieren en andere boomsoorten bij gebruikers. Nederlands Bosbouw Tijdschrift (1976)48(10) p. 189-200. Refs. 16. Dutch, with Dutch summary.

M 1039 Boois, H.M. de. (RIN). (Fungal growth in litter layers of some forests.) Schimmelgroei in strooisellagen van enkele bosgronden. Doctoral thesis, Utrecht, 1976. pp. 30. Refs. 33. Dutch.

M 1040 Cate-van Elsland, M. ten. (RBL). (Individual tree maintenance.1.) Individuele boomverzorging. 1. Groen (1976)32(12) p. 389-403. Refs. 6. Dutch.

M 1041 Detz, H. (Consulentschap voor de Tuinbouw, Prof. Cobbenhagenlaan 225, Tilburg). (Climate control in silviculture.) Klimaatbeheersing bij de teelt van boomteeltgewassen. Groen (1976)32(6) p. 195-198. Dutch, with Dutch summary.

M 1042 Doing, H. (LHAVP). (Forest ecosystems and landscape succession in temperate zones.) Bosecosystemen en landschapssuccessie in gematigde klimaatsgebieden. Nederlands Bosbouw Tijdschrift (1976)48(3) p. 77-85. Refs. 14. Dutch.

M 1043 (35th - Dutch - dendrologs day, consecrated to the genus Salix.) (IMAG). 35e Dendrologendag, gewijd aan het geslacht Salix. Groen (1976)32(11) p. 345-351. Refs. 23. Dutch.

M 1044 Eijsackers, H. (RIN) & Oldenkamp, L. (Prunus serotina, acceptance or restriction?) Amerikaanse vogelkers, aanvaarding of beperking? Landbouwkundig Tijdschrift (1976)88(12) p. 366-374. Dutch.

M 1045 Gremmen, J. (RBL). (Myth and truth on parasitism of Armillaria mellea on trees.) Mythe en werkelijkheid over het parasitisme van de honingzwam bij bomen. Groen (1976)(2) p. 55-57. Refs. 10. Dutch.

M 1046 Groenhuis, B. (KNHM). (Financial results of the culture of poplars.) Financiële resultaten van de populierenteelt. Populier (1976)13(2) p. 19-21. Dutch.

M 1047 Heuperman, A.F. (FAO, Rome); (LHAC). (Behaviour of bales pressed wood offall under vertical stress; some laboratory experiments.) Het gedrag van balen geperst houtafval onder verticale belasting; enige laboratoriumproeven. Wegen (1976)50(8) p. 227-235. Refs. 7. Dutch.

M 1048 Hogeweg, P. (RUU) & Koek-Noorman, J. Wood anatomical classification using iterative character weighing. Acta Botanica Neerlandica (1975)24(3-4) p. 269-283. Refs. 16. English.

M 1049 Kate-Hazevoet, A.M. ten. (RBL). (The poplar on raised soils.) De populier op opgespoten gronden. Populier (1976)13(4) p. 61-63. Dutch.

M 1050 Koster, R. (RBL). (Prospects of poplar breeding in Holland.) Aussichten der Pappelzüchtung in Holland. Die Holzzucht (1976)30 (2-4) p. 26-28. German, with English summary.

M 1051 Kruk-de Bruin, M. (RUL); Brandt, D.Ch. & Körner, F.J.S.W. A climate room for precise regulation of temperature and humidity in connection with a temperature-regulated nest site for wood ants. Oecologia (1976)24(4) p. 335-341. Refs. 3. English.

M 1052 Lammerts van Bueren, E.M. (SBB) & Leek, N.A. (Concepts and definitions for measuring productivity in forestry and landscaping.) Begrippen en definities voor produktiviteitsmeting in de bos- en landschapsbouw. Nederlands Bosbouw Tijdschrift (1976)48(11) p. 225-228. Refs. 5. Dutch.

M 1053 Mekkink, P. & Hurk, J.A. van den. (STIBOKA). (Forestry Gees - Netherlands. Soil condition and soil suitability.) Boswachterij Gees. Bodemgesteldheid en bodemgeschiktheid. Rapporten Stichting voor Bodemkartering, Stiboka, no. 1094. Wageningen, 1975. pp. 58. Refs. 13. Maps 4. Dutch, with Dutch summary.

M 1054 Meyerink, W.B.(E.) (Hogere Bosbouw en Cultuurtechnische School, Laarweg 6, Velp). (Forest-fires.) Bosbranden en hun bestrijding. Noodzaak (1976)25(8) p. 149-152. Dutch, with English summary.

M 1055 Poel, A.J. van der. (RBL). (Biological and ecological criteria for the management of natural forests.) Biologische en ecologische criteria bij het beheer van natuurlijk bos. Nederlands Bosbouw Tijdschrift (1976)48(3) p. 97-99. Dutch.

M 1056 Sipkens, J. (Foreco Internationale Houthandel, Koningsweg 35c, Arnhem). (Perspectives for industrial wood - in the Netherlands.) Perspectief voor industriehout. Nederlands Bosbouw Tijdschrift (1976)48(11) p. 213-217. Dutch.

M 1057 Sissingh, G. (SBB). (Significance and results of human intervention for the composition and maintenance of forests, especially under Dutch circumstances.) Betekenis en gevolgen van menselijke ingrepen voor de samenstelling en instandhouding van bossen, speciaal onder Nederlandse omstandigheden. Nederlands Bosbouw Tijdschrift (1976)48(3) p. 86-96. Refs. 44. Dutch.

M 1058 Slangen, L.H.G. (LHAALH). (The application of a micro-economic administration in forestry.) Een voorbeeld van een bedrijfseconomische boekhouding op een bosbedrijf. Nederlands Bosbouw Tijdschrift (1976)48(12) p. 235-247. Refs. 10. Dutch.

M 1059 Slangen, L.H.G. (LHAALH). (The organization of a micro-economic administration in forestry.) Het inrichten van een bedrijfseconomische boekhouding op een bosbedrijf. Mededelingen - LEI no. 149, Den Haag, 1976. pp. 75. Refs. 10. Dutch.

M 1060 Timmer, W. (LEI). (The marketing of native round timber in 1973 - in the Netherlands.) De handel in inlands rondhout in 1973. Publikaties - LEI no. 5.42, The Hague, 1976. pp. 88. Refs. 7. Dutch, with Dutch summary. Price ƒ 15,--.

M 1061 Vis, J. (RIJ). (Management plan for the forestry Spijk-Bremerbergbos-E. Flevoland, Netherlands - for the period 1975-1985.) Beheersplan voor de boswachterij Spijk-Bremerbergbos voor de periode 1975-1985. Flevo-Berichten (1976)(116) pp. 88. Dutch.

M 1062 Vrielink, J.G.; Hurk, J.A. van den & Waenink, A.W. (STIBOKA). (Forestry Dwingeloo - Netherlands -. Soil properties and soil suitability.) Boswachterij Dwingeloo. Bodemgesteldheid en bodemgeschiktheid. Rapporten Stichting voor Bodemkartering no. 1164, Wageningen, 1976. pp. 71. Refs. 13. Maps. Dutch, with Dutch summary.

M 1063 Westhoff, V. (KUN). (Self-maintenance of forest in temperate zones.) Het zichzelf handhaven van bos in gematigde luchtstreken. Nederlands Bosbouw Tijdschrift (1976)48(3) p. 58-65. Refs. 21. Dutch.

HORTICULTURE

(General horticulture, fruits, vegetables, ornamentals)

General horticulture

(Also Nos M 635, 653, 747, 750, 853, 892, 915)

M 1064 Boer, W.C.; Nieuwenhuizen, G.H. van & Wiersma, O. (SI). (Conditioned transport of horticultural products.) Geconditioneerd vervoer van tuinbouwprodukten. Mededelingen - Sprenger Instituut no. 35, Wageningen, 1976. pp. 52. Refs. 22. Dutch.

M 1065 Boers, A.(LEI).(Differences in profitability and financial position between business of younger and older market gardeners with glasshouses.) Verschillen in rentabiliteit en financiële positie tussen bedrijven van jongere en die van oudere ondernemers in de glastuinbouw. Publikaties - LEI no. 4.71, The Hague, 1976. pp. 44. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 1066 (Horticultural data 1976.) (LEI). Tuinbouwcijfers 1976. LEI, The Hague, 1976. pp. 133. Tables. Dutch.

M 1067 Mulder, W.P. (IMAG). (Optimizing greenhouse climate. III. Control engineering developments.) Optimalisering van het kasklimaat (III). Regeltechnische ontwikkelingen. Groenten en Fruit-Kerstnummer (1976)32(23) p. K55, K57. Dutch.

M 1068 Sprenger Research Institute for Storage and Processing of Horticulture Produce; Annual Report - 1974-1975. (SI). Sprenger Instituut, Wageningen, 1976. pp. 75. English.

M 1069 Stadhouders, P.J. (MLV). (Horticultural research before and after 1976.) Tuinbouwkundig onderzoek vóór en na 1976. Bedrijfsontwikkeling (1976)7(10) p. 785-790. Dutch.

M 1070 Verveer, J.B. (Consulentschap voor de Tuinbouw, Zuidweg 38, Naaldwijk). (Central CO_2 dosing in greenhouses.) Centraal CO_2 doseren in kassen. Gas (1976)96(9) p. 290-293. Dutch.

Fruits

(Also Nos M 598, 758, 762)

M 1070a (Basic fruit growing. Physiology of the fruit tree. - Tromp, J., Jonkers, H. & Wertheim, S.J., editors. With contributions of Tromp, J.; Varga, A.; Delver, P. and others.) (PF). Grondslagen van de fruitteelt. De fysiologie van de vruchtboom. (Onder redaktie van J. Tromp, H. Jonkers & S.J. Wertheim). Met bijdragen van Tromp, J.; Varga, A.; Delver, P. en anderen). Staatsuitgeverij. The Hague, 1976. XVI. pp. 356. Graphs. Pictures. Refs. with each chapter. Dutch. ISBN 90 12 01063 2.

M 1071 Blommers, J. (PF) et al. (The production of woody small fruit.) De teelt van houtig kleinfruit. Publikaties Proefstation voor de Fruitteelt no. 3, Wilhelminadorp, 1976. pp. 70. Refs. 13. Dutch. Price ƒ 7,50.

M 1072 Dijkstra, J. (PF). (Developments in the culture of strawberries.) Ontwikkelingen in de teelt van aardbeien in de vollegrond. De Fruitteelt (1976)66 (Kerstnummer) p. 1346-1349. Dutch.

M 1073 Goddrie, P.D. (PF). (Some experiences with new apple varieties in 1976.) Enkele ervaringen met nieuwe appelrassen in 1976. De Fruitteelt (1977)67(3) p. 68-71. Dutch.

M 1074 Goedegebure, J. (LEI). (Economic aspects of intensive apple plantings.) Bedrijfseconomische aspekten van intensieve appelbeplantingen. Publikaties - LEI no. 4.70. The Hague, 1976. pp. 44. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 1075 Groot, A. (Nederlandse Fruittelers Organisatie, Den Haag). (Perspectives of the European fruit culture of the future.) Perspectives de la culture Fruitière Européenne de l'avenir. Le Fruit Belge (1976) 44 (375) p. 194-198. French.

M 1076 Kronenberg, H.G.; Wassenaar, L.M. & Lindeloof, C.P.J. van de. (IVT). Effect of temperature on dormancy in strawberry. Scientia Horticulturae (1976)4(4) p. 361-366. Refs. 5. English, with English summary.

M 1077 Meijneke, C.A.R. (PD). (How does one obtain virusfree nursery stock - fruit?) Hoe komt men aan virusvrij plantmateriaal? De Fruitteelt (1976)66 (Kerstnummer) p. 1342-1345. Dutch.

M 1078 Noort, L. van. (LEI). (Profitability and financing of fruit culture in the Netherlands in 1974.) Rentabiliteit en financiering van de fruitteelt in Nederland over 1974 (oogst 1974-1975). Mededelingen LEI no. 154, Den Haag, 1976. pp. 48. Dutch.

M 1079 Oosten, H.J. van. (PF). (Virus diseases in apple and pear.) Virusziekten bij appel en peer. De Fruitteelt (1977)67(3) p. 60-62. Refs. 6. Dutch.

M 1080 Oosten, H.J. van. (PF). (Experiences with virusfree apple trees.) Ervaringen met virusvrije appelbomen. De Fruitteelt (1977)67(3) p. 64-67. Refs. 2. Dutch.

M 1081 Rabbinge, R. (LHATT). Biological control of fruit-tree red spider mite. Doctoral thesis, Wageningen, 1976. pp. 234. Refs. 129. English, with English summary. Obtainable from Pudoc in the Series: Simulation Monographs. Wageningen, 1976. ISBN 90 220 0590 9. Price ƒ 37,50.

M 1082 Rabbinge, R. (LHAE). (Micrometeorology and fruit-tree red spider mite.) Micrometeorologie en fruitspint. Gewasbescherming (1976)7(5) p. 98-105. Refs. 6. Dutch.

M 1083 Scheer, H.A.T. van der. (PF). Curative control of scab on apple and pear. Mededelingen van de Faculteit Landbouwwetenschappen Rijksuniversiteit Gent (1975)40(2) p. 597-603. Refs. 12. English, with Dutch summary.

M 1084 Sprenkels, P.A. (LHATPT). (The history of the strawberry.) De historie van de aardbei. De Fruitteelt (1976)66(Kerstnummer) p. 1354-1358. Refs. 10. Dutch.

M 1085 Visser, T. (IVT). A comparison of apple and pear seedlings with reference to the juvenile period , 2: mode of inheritance. Euphytica (1976)25(2) p. 339-342. Refs. 8. English, with English summary.

M 1086 Visser, T.; Verhaegh, J.J. & Vries, D.P. de. (IVT). A comparison of apple and pear seedlings with reference to the juvenile period, 1: seedling growth and yield. Euphytica (1976)25(2) p. 343-351. Refs. 7. English, with English summary.

M 1087 Werken, J. v.d. (IMAG). (The development of the IMAG apple harvesting machine tablefruit.) De ontwikkeling van de IMAG appeloogstmachine tafelfruit. De Fruitteelt (1976)66(3) p. 54-55. Dutch.

M 1088 Wertheim, S.J. (PF), Nijsse, F. & Joosse, M.L. (The pollination of Jonagold - apple.) De bestuiving van Jonagold. De Fruitteelt (1976)66(43) p. 1146-1147. Refs. 4. Dutch.

Vegetables

(Also Nos M 595, 650, 774, 866, 1015, 1390)

M 1089 Adrichem, J.C.J. van & Hartog, J.A. (Aseptafabriek BV, Zuideinde 97, Delft). (The control of Mycosphaerella citrullina in greenhouse cucumber.) De bestrijding van Mycosphaerella citrullina in kaskomkommers. Mededelingen van de Fakulteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975(40(2) p. 707-711. Dutch, with English summary.

M 1090 Bel, A.J.E. van (RUU) & Erven, A. van. Stimulation of proton influx by amino acid uptake in tomato internode disks. Zeitschrift für Pflanzenphysiologie (1976)80(1) p. 74-76. Refs. 9. English.

M 1091 Blaauw-Jansen, G. & Blaauw, O.H. (RUU). Action spectra for phytochrome-mediated germination of lettuce seeds (Lactuca sativa L.). Acta Botanica Neerlandica (1976)25(2) p. 149-152. Refs. 5. English, with English summary.

M 1092 Bleijenberg, P. (IMAG). (Management in glasshouse horticulture.) Management in de glastuinbouw. Landbouwkundig Tijdschrift (1976)88(12) p. 378-389. Refs. 10. Dutch, with Dutch summary.

M 1093 Boers, A. (LEI). (The financial position of glasshouse nurseries in 1974 - in the Netherlands.) De financiële positie van glastuinbouwbedrijven in 1974. Publikaties - LEI no. 4.69, The Hague, 1976. pp. 82. Dutch, with English and Dutch summaries. Price ƒ 15,--.

M 1094 Bokhorst, D. (IMAG), (PGF). (Optimizing greenhouse climate. II. Physical backgrounds.) Optimalisering van het kasklimaat (II). Fysische achtergronden. Groenten en Fruit-Kerstnummer (1976) 32(23) p. K51, K53. Dutch.

M 1095 Bos, L. (IPO). Vegetable virus diseases and the International Working Group - on vegetable viruses. Chronica Horticulturae (1976)15(3) p. 37-39. English.

M 1096 Boukema, I.W. (IVT). (A new physiological race of Cladosporium fulvum in tomato and discourse on handling of resistance genes.) Een nieuw Fysio van Cladosporium fulvum in tomaat en overleg aangaande het hanteren van resistentiegenen. Zaadbelangen (1977)31(1) p. 17-18. Dutch.

M 1097 Bulychev, A.A. & Vredenberg, W.J. (CABO). Effect of ionophores A23187 and nigericin on the light-induced re-distribution of Mg^{2+}, K^+ and H^+ across the thylakoid membrane - in spinach. Bioenergetics Biochimica et Biophysica Acta (1976)449(1) p. 48-58. Refs. 32. English.

M 1098 Challa, G. (CABO). (Optimizing greenhouse climate. I. Plant physiology as an aid.) Optimalisering van het kasklimaat. I. Plantenfysiologie als hulpmiddel. Groenten en Fruit-Kerstnummer (1976)32(23) p. K47, K49. Dutch.

M 1099 Dekker, P.H.M. & Buishand, T. (PAGV). (Threshing of broad beans.) Het dorsen van tuinbonen. Rapporten Proefstation voor de Akkerbouw no. 36, Lelystad, 1976. pp. 21. Dutch, with English and Dutch summaries.

M 1100 Dieleman-van Zaayen, A. (PC). (Immunity of Agaricus bitorquis varieties against mushroom virus.) Immunität von Agaricus bitorquis-Sorten gegen Champignonvirus. Der Champignon (1976)16(181) p. 28-33. Refs. 10. German.

M 1101 Dieleman,van Zaayen, A. (PC) & Geijn, J. van de. (Diseases and pests of mushrooms, 3. fungi.) Ziekten en plagen van champignons, 3. schimmelziekten. Bedrijfsontwikkeling (1976)7(12) p. 333-343. Refs. 23. Dutch, with Dutch summary.

M 1102 Drijfhout, E. (IVT) & Bos, L. The identification of two new strains of bean common mosaic virus. Netherlands Journal of Plant Pathology (1977)83(1) p. 13-25. Refs. 29. English, with English and Dutch summaries.

M 1103 Eenink, A.H. (IVT). Linkage in Spinacia oleracea L. of two race-specific genes for resistance to downy mildew Peronospora farinosa f.sp. spinaciae Byford. Euphytica (1976)25(3) p. 713-715. English, with English summary.

M 1104 Eenink, A.H. (IVT). Induction of male sterility in lettuce (Lactuca sativa L.) by application of gibberellic acid: a technical note. Euphytica (1977)26(1) p. 31-32. English, with English summary.

M 1105 Eenink, A.H. & Garretsen, F. (IVT). Inheritance of insensitivity of lettuce to a surplus of exchangable manganese in steam-sterilized soils. Euphytica (1977)26(1) p. 47-53. English, with English summary.

M 1106 Gerrits, J.P.G. (PC). (The function of organic and inorganic additives in mushroom compost, especially in relation to the ammonia concentration.) Die Funktion organischer und anorganischer Zusätze im Champignonkompost, speziell hinsichtlich der Ammoniak-Konzentration. Der Champignon (1976)16(175) p. 21-28. German.

M 1107 Gerrits, J.P.G. (PC). (The results of nutrient supplementation of mushroom compost.) Welke resultaten zijn met bijvoeden te bereiken? De Champignoncultuur (1976)20(10) p. 279-295. Refs. 12. Dutch, with Dutch summary.

M 1108 Goosen-de Roo, L. & Polsbroek, M.C. (RUL). The ultrastructure of primary tracheary elements containing large amounts of storage material in the hypocotyl of the cucumber. Acta Botanica Neerlandica (1976)25(2) p. 129-148. Refs. 16. English, with English summary.

M 1109 Hartog, J.A. (Aseptafabriek BV, Zuideinde 97, Delft) & Adrichem, J.C.J. van. (Chlorfluorenol for enhancement of fructification of gherkins.) Chloorfluorenol ter bevordering van vruchtzetting in augurken. Mededelingen van de Fakulteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 837-840. Ref. 1. Dutch, with English summary.

M 1110 Hasselt, Ph.R. van (RUG) & Strikwerda, J.T. Pigment degradation in discs of the thermophilic Cucumis sativus as affected by light, temperature, sugar application and inhibitors. Physiologia Plantarum (1976)37(4) p. 253-257. Refs. 10. English.

M 1111 Hubbeling, N. (IPO). Resistance of peas to downy mildew and distinction of races of Peronospora pisi syd. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 539-543. Refs. 9. English.

M 1112 Huijs, J.P.G. (IMAG). (Economical aspects of on-site electric power by total energy systems in horticulture.) Economische aspecten van elektriciteitsopwekking met "total energy"-systemen in de tuinbouw. IMAG-Publikaties no. 70, Wageningen, 1976. pp. 26. Refs. 5. Dutch, with English and Dutch summaries.

M 1113 Jong, J. de (IVT) & Honma, S. Inheritance of resistance to Corynebacterium michiganense in the tomato. Journal of Heredity (1976)67(2) p. 79-84. **Refs. 10. English.**

M 1114 Klapwijk, D. (PGF). (Effect of restriction of root development space on growth and development of tomatoes.) Invloed door de beperking van de bewortelingsruimte op groei en ontwikkeling van tomaten. Landbouwkundig Tijdschrift (1976)88(11) p. 351-354. Dutch.

M 1115 Kruyk, P.A. (PGF). (The modern horticultural exploitation under glass.) Het moderne glastuinbouwbedrijf. Gas (1976)96(9) p. 266-268. Dutch.

M 1116 Lint, P.J.A.L. de. (PGF). (Artificial light in horticulture.) Kunstlicht in de tuinbouw. Informatiereeks - Proefstation voor de Groenten- en Fruitteelt onder Glas no. 34, Naaldwijk, 1976. pp. 19. Dutch. Price *f* 4,50.

M 1117 Marrewijk, N.P.A. van. (IVT). Artificial cold treatment, gibberellin application and flowering response of kohlrabi (Brassica oleracea L. var. gongylodes L.). Scientia Horticulturae (1976)4(4) p. 367-375. Refs. 15. English, with English summary.

M 1118 Meer, Q.P. van der & Bennekom, J.L. van. (IVT). Gibberellic acid as a gametocide for the common onion (Allium cepa L.), 2: the effect of GA 4/7. Euphytica (1976)25(2) p. 293-296. English, with English summary.

M 1119 Meyndert, J.; Verveer, J.B. & Meer, T.J.M. van der. (PGF). (Energy saving in glass nurseries.) Energiebesparing in de glastuinbouw. Informatiereeks - Proefstation Naaldwijk no. 33. Naaldwijk, 1976. pp. 28. Dutch. Price *f* 4,50.

M 1120 Noort, L. van. (LEI). (Rentability and financing of horticulture - vegetables - under glass in the Netherlands in 1974.) Rentabiliteit en financiering van de groenteteelt onder glas in Nederland over 1974. Mededelingen en Overdrukken - LEI no. 133, The Hague, 1975. pp. 58. Dutch.

M 1121 Ponti, O.M.B. de & Garretsen, F. (IVT). Inheritance of parthenocarpy in pickling cucumbers (Cucumis sativus L.) and linkage with other characters. Euphytica (1976)25(3) p. 633-642. Refs. 11. English, with English summary.

M 1122 Ramanna, M.S. (LHIVP). Are there heteromorphic sex chromosomes in spinach (Spinacia oleracea L.)? Euphytica (1976)25(2) p. 277-284. Refs. 15. English, with English summary.

M 1123 Roggen, H. (IVT). Stigma application of an extract from rape pollen (Brassica napus L.) effects self-incompatibility in Brussels sprouts (Brassica oleracea L. var. gemmifera DC). Incompatibility Newsletter (1975)(6) p. 80-86. Refs. 9. English.

M 1124 Roggen, H.P. (IVT). (Actions into the intimate life of Brussels sprouts - physical aids in pollination.) Ingrepen in het intieme leven van de spruitkool. Groenten en Fruit-Kerstnummer (1976)32(23) p. K23-K24. Dutch.

M 1125 Roggen, H.P. (IVT). The success of breaking self-incompatibility in Brassica oleracea L. after EAP and TAP treatment depends on the age of the flowers. Incompatibility Newsletter (1976)(7) p. [illegible]. Refs. 6. English.

M 1126 Roggen, H.P. & Dijk, A.J.van.(IVT). 'Thermally aided pollination': a new method of breaking self-incompatibility in Brassica oleracea L. Euphytica (1976)25(3) p. 643-646. Refs. 10. English, with English summary.

M 1127 Rol, W. (SI). (Some observations on the mechanical harvesting of vegetable crops.) Enkele beschouwingen over het machinaal oogsten van tuinbouwproducten. Voedingsmiddelentechnologie (1976)9(24) p. 24-27. Refs. 11. Dutch, with English and Dutch summaries.

M 1128 Schoneveld, J.A. (PAGV) & Meeldijk, B.P. (Cultivation and mechanization on some vegetable crops in the open in the United States of America.) Teelt en mechanisatie bij enkele vollegronds groentegewassen in de Verenigde Staten van Amerika. Proefstation voor de Groenteteelt in de Vollegrond in Nederland, Alkmaar, Rapport no. 76, 1976. pp. 58. Dutch, with English summary. Price ƒ 5,--.

M 1129 Schuurman, J.J. (RIN) & Schäffner, B.E. (Root development of some horticultural crops in sandy soil.) De wortelontwikkeling van enige tuinbouwgewassen op zandgrond. Instituut voor Bodemvruchtbaarheid, Rapport 11-74. Haren, 1974. pp. 62. Refs. 5. Dutch.

M 1130 Steinbuch, E. (SI). (Deep freezing quality of some Brussels sprouts hybrids.) Diepvrieskwaliteit van een aantal spruitkoolhybriden. Sprenger Instituut Bulletin no. 138, Wageningen, 1976. pp. 2. Dutch.

M 1131 Steinbuch, E. (SI) & Rol, W. (The suitability of the mushroom A. bitorquis for preserving in tin and glass.) De geschiktheid van de champignon A. bitorquis voor conservering in blik en glas. Sprenger Instituut Bulletin no. 139, Wageningen, 1976, pp. 2. Dutch.

M 1132 (Survey of yields of lettuce (autumn, winter and spring culture) in the Westland - Netherlands - crop year 1975/76.)(LEI). Overzicht van opbrengsten van sla (herfst-, winter- en voorjaarsteelt) in het Westland, teeltjaar 1975/76. Landbouw-Economisch Instituut, Overzicht no. 672, The Hague, 1976. pp. 28. Dutch.

M 1133 Tas, P.W.L. & Peters, D. (LHAV). The occurrence of a soluble protein (E1) in cucumber cotyledons infected with plant viruses. Netherlands Journal of Plant Pathology (1977)83(1) p. 5-12. Refs. 8. English, with English and Dutch summaries.

M 1134 Verhaegh, A.P. (LEI). (The situation of glasshouse holdings outside the big production centres - in the Netherlands. The stagnation of vegetable growing under glass in the province of Noord-Holland.) De positie van de bedrijven met glastuinbouw buiten de grote centra. De stagnatie van de glasgroenteteelt in Noord-Holland. Publikaties-LEI no. 4.67, The Hague, 1975. pp. 81. Dutch, with English and Dutch summaries. Price ƒ 8,50.

M 1135 Visscher, H.R. (PC). (The pH of casing soil and the appearance of Trichoderma, also in connection with mechanical cutting - of mushrooms.) De pH van dekaarde en het optreden van Trichoderma mede in verband met mechanisch afsnijden. De Champignoncultuur (1976)20(2) p. 35-43. Dutch.

M 1136 Weerd, B. v.d. (IMAG). (The mechanical picking of butter-beans.) Het machinaal plukken van sperziebonen. Landbouwkundig Tijdschrift (1976)88(3) p. 67-70. Refs. 9. Dutch, with English summary.

M 1137 Winselaar, J. (Gemeentelijk Energiebedrijf, Den Haag). (Structure of the gas consumption in the Westland - Netherlands - horticultural area.) Structuur van het gasverbruik in het Westlandse tuinbouwgebied. Gas (1976)96(9) p. 269-271. Dutch.

M 1138 Wit, P.J.G.M. de. (LHAF). Isolation and culture of tomato mesophyll protoplasts. Acta Botanica Neerlandica (1976)25(6) p. 475-480. Refs. 16. English, with English summary.

Ornamentals

Also Nos M 595, 597, 647, 1040, 1043, 1092, 1093, 1112, 1115, 1116, 1119, 1137, 1395, 1412)

M 1139 Bakker, J.J. (IVRO) & Vos, H. (Reaction of grasses - turf - on shade influence.) Reaktion von Gräsern auf Schatteneinwirkung. Rasen (1976)7(4) p. 88-91. Refs. 9. German, with English summary.

M 1140 Boerema, G.H. & Griffin, M.J. (PD). Phoma species from Viburnum. Verslagen en Mededelingen Plantenziektekundige Dienst Separate Serie no. 509, 1974. p. 109-114. Refs. 17. English. Repr.: Trans. Br. Mycol. Soc. (1974)63 p. 109-114.

M 1141 Bragt, J. van & Ast, K.J. van. (LHATPT). Substitution of the cold requirement of tulip cv. 'Apeldoorn' by GA3. Scientia Horticulturae (1976)4(2) p. 117-122. Refs. 10. English, with English summary.

M 1142 Broertjes, C. (ITAL). Mutation breeding of autotetraploid Achimenes cultivars. Euphytica (1976)25(2) p. 297-304. Refs. 11. English, with English summary.

M 1143 Bijl, R.S. (IMAG). (Technical value of picking belts - for flower bulbs.) Technische gebruikswaarde van leesbanden. IMAG-Publikaties no. 58, Wageningen, 1976. pp. 14. Dutch, with Dutch summary. Price ƒ 2,50.

M 1144 Cresti, M. (LHAPK) et al. Fibrous masses and cell and nucleus movement in the pollen tube of Petunia hybrida. Acta Botanica Neerlandica (1976)25(5) p. 381-383. Refs. 7. English.

M 1145 Dam, J.G.C. van & Wopereis, F.A. (STIBOKA). (Suitability of sandy soils in the southern part of the Netherlands for the cultivation of ornamental conifers.) Geschiktheid van zandgronden in Zuid-Nederland voor de teelt van sierconiferen. Groen (1976)32(11) p. 363-370. Refs. 7. Dutch.

M 1146 Doornik, A.W. (LBO). Rhizoctonia solani in forced irises in the Netherlands. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 611-616. Refs. 3. English.

M 1147 Eijk, J.P. van & Eikelboom, W. (IVT). Possibilities of selection for keeping quality in tulip breeding. Euphytica (1976)25(2) p. 353-359. Refs. 7. English, with English summary.

M 1148 Granneman, W. (LBO) & Muller, P.J. (Forcing bulbs in Finland and Sweden.) De broeierij in Finland en Zweden. Stichting Laboratorium voor Bloembollenonderzoek-Lisse Rapport 30. 1975. pp. 10. Dutch.

M 1149 Groenewegen, C.A.M. & Miltenburg, J.C.A. (LEI). (Economic aspects of the cultivation of Prunus triloba.) Economische aspecten van de teelt van Prunus triloba. Mededelingen - LEI no. 152, The Hague, 1976. pp. 25. Dutch, with Dutch summary.

M 1150 Hensen, K.W.J. (LHAPS). (Investigation and trial of the Aubretia assortment.) Onderzoek en keuring van het Aubretia-sortiment. Groen (1976)32(6) p. 184-194. Refs. 9. Dutch, with German and English summaries.

M 1151 Hiddema, W.O. (Consulentschap voor Tuinaanleg en -onderhoud, Nudestraat 130, Wageningen). (Garden and park - report of a Dutch exhibition.) Tuin en Park. Landbouwmechanisatie (1976)27(12) p. 1213-1215. Dutch.

M 1152 Hoof, H.A. van (IPO) & Caron, J.E.A. Strawberry latent ringspot virus-infested fields of Rosa rugosa produce healthy cuttings but diseased rootstocks for standard roses. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent, Deel II (1975)40(2) p. 759-763. Refs. 5. English, with Dutch summary.

M 1153 Kamerbeek, G.A. & Munk, W.J. de. (LBO). A review of ethylene effects in bulbous plants. Scientia Horticulturae (1976)4(2) p. 101-115. Refs. 36. English, with English summary.

M 1154 Knaap, W.C.A. van der. (STIBOKA). (Suitability of peat and clay soils for the culture of the glasshouse rose "Baccara".) Geschiktheid van venige en kleiïge gronden voor de teelt van de kasroos "Baccara". Rapporten Stichting voor Bodemkartering (Stiboka) no. 1297, Wageningen, 1976. pp. 45. Refs. 7. Dutch, with English summary.

M 1155 Kronenberg, H.G. (LHATPT). Proceedings Fourth European Orchid Congress, Amsterdam, 1 - 3 April 1976. Gestencilde Verslagen Laboratorium voor Tuinbouwplantenteelt no. 149, Wageningen, 1976. pp. 80. English.

M 1156 Kroon, G.H. (IVT). (Uniformity and hybridization of rose stocks.) Uniformität und Bastardisierung bei Rosenunterlagen. Deutsche Baumschule 28(1976)8 p. 206. German.

M 1157 Kroon, G.H. & Eijk, J.P. van. (IVT). Polyploidy in tulips (Tulipa L.). The occurrence of diploid gametes. Euphytica (1977)26(1) p. 63-66. Refs. 12. English, with English summary.

M 1158 Maat, D.Z. (IPO). Two potexviruses in Nerine. Netherlands Journal of Plant Pathology (1976)82(3) p. 95-102. Refs. 8. English, with English and Dutch summaries. Also: Acta Horticulturae (1976)(57) p. 81-82. Refs. 4. English.

M 1159 Montfort, T.J.H. van. (Consulentschap voor de Tuinbouw, Swalmerstraat 52, Roermond). (Culture of one-year old roses on nurseries.) Teelt van éénjarige rozen op de boomkwekerij. Groen (1976)32(12) p. 404-405. Dutch.

M 1160 Noort, L. van. (LEI). (Rentability and financing of the culture of cut-flowers under glass in the Netherlands in 1974.) Rentabiliteit en financiering van de snijbloementeelt onder glas in Nederland over 1974. Mededelingen en Overdrukken - LEI no. 135, The Hague, 1976. pp. 42. Dutch.

M 1161 Rattink, H. (PBN). (Soil fungi in floristry.) Bodemschimmels in de bloemisterij. Gewasbescherming (1976)7(6) p. 122-125. Dutch.

M 1162 (Research into the yields - including financial yield - of cutting Anthurium in the South Holland Glassdistrict.) (LEI). Onderzoek naar de opbrengsten van snij-anthuriums in het Zuidhollands glasdistrict. Teeltjaar 1975. Landbouw-Economisch Instituut, Overzicht no. 674, The Hague, 1976. pp. 52. Dutch.

M 1163 (Research into the yields - including financial yields - of year round Chrysanthemums; crop year 1975.) (LEI). Onderzoek naar de opbrengsten van jaarrondchrysanten teeltjaar 1975. Landbouw-Economisch Instituut, Overzicht no. 677, The Hague, 1976. pp. 16. Dutch.

M 1164 Schipstra, K. (Chemische Pharmaceutische Industrie Luxan BV, Industrieweg 2, Elst). (The action of Vydate L against insects and mites on ornamental crops under glass.) De werking van Vydate L tegen insekten en mijten op bloemisterijgewassen onder glas. Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent (1975)40(2) p. 315-321. Dutch, with English summary.

M 1165 Scholten, G. (PBN). (Some notes on floriculture in the Netherlands and plant protection problems in this branch.) Enkele notities over de bloementeelt in Nederland en de gewasbeschermingsproblematiek in deze bedrijfstak. Gewasbescherming (1976)7(6) p. 121-122. Dutch.

M 1166 Sparnaaij, L.D. & Demmink, J.F. (IVT). Breeding for resistance to Phialophora cinerescens (Wr.) van Beyma in glasshouse carnations (Dianthus caryophyllus L.). Euphytica (1976)25(2) p. 329-338. Refs. 9. English, with English summary.

M 1167 Staden, O.L. (SI). (New preservative for tulips - extending vaselife.)Nieuw houdbaarheidsmiddel voor tulpen. Vakblad voor de Bloemisterij (1976)31(3) p. 20-21. Dutch.

M 1168 Uilenreef, H.E. (PD). (Control of Opogona subcervinella in Dracaena by fumigation with methyl bromide.) Bestrijding van Opogona subcervinella in Dracaena door begassing met methylbromide. Gewasbescherming (1976)7(3) p. 45-48. Refs. 7. Dutch, with Dutch summary.

M 1169 Vrie, M. van de. (PBN). (Mites and insects on ornamental plants under glass.) Mijten en insekten op sierteeltgewassen onder glas. Gewasbescherming (1976)7(6) p. 126-129. Dutch.

M 1170 Vries, D.P. de. (IVT). Juvenility in hybrid tea-roses. Euphytica (1976)25(2) p. 321-328. Refs. 12. English, with English summary.

M 1171 Vries, D.P. de. (IVT). Selection of hybrid tea-rose seedlings for cut flower yield. Euphytica (1976)25(2) p. 361-365. Refs. 7. English, with English summary.

M 1172 Vries, D.P. de. (IVT). Shoot production in cut roses with reference to breeding for winter flowering. Euphytica (1977)26(1) p. 85-88. English, with English summary.

M 1173 Vroomen, C.O.N. (LBO). (Some farm economic data on hyacinth cultivation in the Netherlands.) Enkele bedrijfseconomische gegevens over de hyacinthenteelt in Nederland. Bedrijfsontwikkeling (1976)7(11) p. 855-861. Dutch, with Dutch summary.

M 1174 (Yields - including financial yields - of cutting roses in Aalsmeer.) (LEI). Opbrengsten van snijrozen in Aalsmeer. Teeltjaar 1975. Landbouw-Economisch Instituut, Overzicht no. 675, The Hague, 1976. pp. 31. Dutch.

M 1175 (Yields - including financial yield - of truss carnations and of American carnations in Aalsmeer, Roelofarendsveen and the Westland, in the year 1975.) (LEI). Opbrengsten van trosanjers en van Amerikaanse anjers in Aalsmeer, Roelofarendsveen en het Westland. Teeltjaar 1975. Landbouw-Economisch Instituut, Overzicht no. 676, The Hague, 1976. pp. 25. Dutch.

ANIMAL HUSBANDRY

(Also Nos M 637, 639, 681, 693, 694, 699, 700, 708, 711, 715, 718, 727, 735, 736, 737, 738, 746, 768, 774, 793, 794, 795, 808, 844, 942, 950, 970, 976, 990, 1000, 1031, 1253, 1277, 1280, 1286, 1368, 1377, 1410)

M 1176 Aalbers, J.G. (IVO). (Decolorization of methylene blue by bovine spermatoza and its significance in artificial insemination.) De methyleenblauwontkleuring door spermamonsters en haar betekenis voor de praktijk van de KI. Tijdschrift voor Diergeneeskunde (1976)101(6) p. 285-296. Refs. 17. Dutch, with English and Dutch summaries.

M 1177 Bakker, IJ.T. (IMV). (On milk production, breeding and nutrition.) Over melkproduktie, fokkerij en voeding. Stikstof (1976)7(83) p. 417-422. Refs. 9. Dutch, with Dutch summary.

M 1178 Beeking, F.F.E. (IPS). (Determination of the digestability of crude protein and amino acids in several wheat by-products.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in verschillende tarwebijprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 6775, Beekbergen, 1975. pp. 15. Dutch.

M 1179 Beeking, F.F.E. (IPS). (Determination of the digestibility of crude protein and amino acids in several soy products.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in verschillende sojaprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 7675, Beekbergen, 1975. pp. 8. Dutch.

M 1180 Beeking, F.F.E. (IPS). (Determination of the digestibility of crude protein and amino acids in 3 wheat and 4 maize products.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in drie tarwe- en vier maisprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 8875, Beekbergen, 1975. pp. 15. Dutch.

M 1181 Boer, F. de & Tamminga, S. (IVH). (Roughage, concentrates and urea in cattle feeding.) Ruwvoer, krachtvoer en ureum in de rundveevoeding. Stikstof (1976)7(83) p. 363-369. Refs. 22. Dutch.

M 1182 Boer, H. de. (IVO). Visual assessment of conformation, fleshiness, muscularity and fatness. **In**: Carcass and Meat Characteristics in Beef Production Experiments. Criteria and methods for assessment of carcass and meat characteristics in beef production experiments. Seminar on carcass and meat quality in the EEC programme of co-ordination of research on beef production, organized by Research Institute for Animal Husbandry "Schoonoord", Zeist - Netherlands. Nov. 9th - 12th 1973. Luxembourg, Commission of the European Communities, 1976. EUR 5489. p. 141-150. Refs. 10. English. **Price ƒ 41,50.**

M 1183 Brake, J.H.A. te. (IVO). Possible ways for increasing the productivity in sows and their merits and demerits. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 261, Zeist, 1976. pp. 15. Refs. 132. English, with German and English summaries.

M 1184 Brand, A. (RUUFD) et al. Non-surgical embryo transfer in cattle. I. Myometrial activity as a possible cause of embryo expulsion. **In**: Egg transfer in Cattle. Seminar on egg transfer in cattle in the EEC programme of co-ordination of research on beef production 10th-12th Dec. 1975. Agricultural Research Council Unit of Reproductive Physiology and Biochemistry Animal Research Station, Cambridge. Commission of the European Communities, Luxembourg, 1976. EUR 5491. p. 41-56. Refs. 15. English. Price ƒ 55,30.

M 1185 Brand, A. (RUUFD) et al. Non-surgical embryo transfer in cattle. II. Bacteriological aspects. **In**: Egg transfer in Cattle (1976) EUR 5491. pp. 57-66. Refs. 13. English. (See M 1184).

M 1186 Brandsma, C. (IMAG). (Gusts of wind endanger continuously the stall climate.) Windstoten belagen voortdurend het stalklimaat. Pluimveehouderij (1976)6(8) p. 14-15, 17. Dutch.

M 1187 Brascamp, E.W. (LHAVT). Criteria and methods to detect optimal breeding schemes. **In**: Optimalization of Cattle Breeding Schemes. First seminar on "Genetics" in the EEC Programme of co-ordination of research on beef production Nov. 26th - 28th, 1975 Agricultural Institute Dunsinea Research Centre Castleknock, Co. Dublin, Ireland. Commission of the European Communities. Luxembourg, 1976. EUR 5490 p. 31-35. Refs. 9. English. Price ƒ 20,70.

M 1188 (CLO study conference 1976. Summaries of the lectures delivered on the conference on problems of animal nutrition and related fields.) (IMV). Samenvattingen van de voordrachten gehouden op de CLO-studiedagen over veevoedingsvraagstukken en aanverwante problemen. CLO-Instituut voor de Veevoeding "De Schothorst", **Hoogland (U.), 1976. pp. 56. Dutch.**

M 1189 (Comparison semi slatted floor stable without heating and complete slatted floor stable with heating, in cold seasons.) (Varkensproefbedrijf Zuid- & West-Nederland, Sterksel). Vergelijking halfroostervloerstal zonder verwarming en volledig roostervloerstal met verwarming in koude jaargetijden. Proefverslag Varkensproefbedrijf Zuid- en West-Nederland, Sterksel nr. 6. Sterksel, 1976. pp. 28. **Refs. p. 29. Dutch.**

M 1190 Duinker, A. (IMAG). (Perspectives for the application of electronics in service of dairy husbandry.) Perspectieven voor de toepassing van de elektronica ten dienste van de melkveehouderij. Bedrijfsontwikkeling (1976)7(1) p. 47-49. Dutch.

M 1191 Endendijk, B. (IPS).(Determination of metabolizable energy of 7 soy products of divergent quality.) Bepaling van de omzetbare energie van zeven sojaprodukten van uiteenlopende kwaliteit. Rapporten Instituut voor Pluimveeonderzoek no. 7475, Beekbergen, 1975. pp. 17. Dutch.

M 1192 Es, A.J.H. van. (IVH) ; (LHAPD). Meat production from ruminants. Meat Animals (1974) p. 391-401. Refs. 29. English. Also: Nato Advanced study institutes Series A8. New York, etc., Plenum Press. ISBN 0 306 35608 2.

M 1193 Gels, J.A. (IMAG). (Complete selffeeding of grass- and whole plant corn silage for dairy cattle.) Volledige zelfvoedering van gras- en snijmaiskuil bij melkvee. Landbouwmechanisatie (1976) 27(11) p. 1075-1082. Refs. 8. Dutch, with English and Dutch summaries.

M 1194 Giessen, L.B. van der. (LEI). (The rentability of purchased roughage on dairy farms.) De rentabiliteit van aangekocht ruwvoer op melkveebedrijven. Stikstof (1976)7(82) p. 298-304. Dutch, with Dutch summary.

M 1195 (Given the tying stall.) (IMAG). Gegeven de grupstal. IMAG-Publikaties no. 69, Wageningen, 1976. pp. 110. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 1196 Harmsen, W.L. (PR). Beef and veal production in the Netherlands. **In**: The Early Calving of Heifers and its Impact on Beef Production. First seminar on "Nutrition and management" in the EEC Programme of co-ordination of research in beef production. June 4th - 6th, 1975. Department of Cattle Experiments. National Institute of Animal Science, Copenhagen. Commission of the European Commission. Luxembourg, 1975. EUR 5545. p. 28-32. Refs. 2. English.

M 1197 Harmsen, W.L. (PR). Experiments with heifers in the Netherlands. **In**: The Early Calving of Heifers and its Impact on Beef Production. 1975. EUR 5545. p. 232-237. Refs. 8. English. (See M 1196).

M 1198 Hart, N. de. (IPS). (A survey of faecal nitrogen determinations in chicken manure.) Overzicht faeces stikstof bepalingen in kippemest. Rapporten Instituut voor Pluimveeonderzoek no. 9075. Beekbergen, 1975. pp. 5. Dutch.

M 1199 Helder, J.F. (IPS). (Dried sweet potatoes as a component of broiler feed.) Gedroogde bataten (zoete aardappelen) als bestanddeel van slachtkuikenvoeder. Rapporten Instituut voor Pluimveeonderzoek no. 7075, Beekbergen, 1975. pp. 9. Refs. 5. Dutch, with Dutch summary.

M 1200 Helder, J.F. & Versteegh, H.A.J. (IPS). (Potato protein in broiler feed.) Aardappeleiwit in slachtkuikenvoeder. Rapporten Instituut voor Pluimveeonderzoek no. 8275, Beekbergen, 1975. pp. 14. Dutch, with Dutch summary.

M 1201 Helder, J.F. & Versteegh, H.A.J. (IPS). (The usefulness of partly processed potato starch in broiler feed. (III).) De bruikbaarheid van gedeeltelijk ontsloten aardappelzetmeel in slachtkuikenvoeder. (III). Rapporten Instituut voor Pluimveeonderzoek no. 105.75. Beekbergen, 1975. pp. 10. Dutch, with Dutch summary.

M 1202 Hengeveld, A.G. (PR). (The effect of the field period and speed of after-drying on the intake of hay.) Invloed van veldperiode en snelheid van nadrogen op de opname van hooi. Rapporten - Proefstation voor de Rundveehouderij no. 42. Lelystad, 1976. pp. 21. Dutch, with English and Dutch summaries.

M 1203 Hoek, J. van den. (LHAFD). Cesium metabolism in sheep and the influence of orally ingested bentonite on cesium absorption and metabolism. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1976)37(6) p. 315-321. Refs. 9. English, with German summary.

M 1204 Holsheimer, J.P. (IPS). (The development of growth, feed conversion and financial result of chickens in relation to the protein or amino acid content of the feed and the application of phase-feeding.) Het verloop van groei, voederconversie en financieel resultaat van slachtkuikens in afhankelijkheid van het eiwit - c.q. aminozuurgehalte van het voer en het al of niet toepassen van fasenvoeding. Rapporten Instituut voor Pluimveeonderzoek no. 6475, Beekbergen, 1975. pp. 21. Dutch, with Dutch summary.

M 1205 Holsheimer, J.P. (IPS). The effect of changing energy-protein ratios on carcass composition of broilers. Spelderholt Mededeling no. 241, Beekbergen, 1975. pp. 10. Refs. 36. English.

M 1206 Hvink, J.W.F. & Meyer, A.B. (PR). (Supplying concentrates above the standard in the beginning of the lactation period.) Verstrekken van krachtvoer boven de norm in het begin van de lactatieperiode. Resultaten van vier vergelijkende proeven op de Waag en Bosma Zathe in 1971-1974. Publikaties Proefstation voor de Rundveehouderij no. 5. Lelystad, 1976. pp. 68. Refs. 73. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 1207 Iwema, S. (LHAVV). (Factors influencing feed uptake in cattle.) Factoren, die de voeropname bij rundvee beïnvloeden. Stikstof (1976)7(83) p. 340-342. Dutch, with Dutch summary.

M 1208 Janssen, W.M.M.A. (IPS). (Poultry farming, rival or ally in the food supply of man.) Pluimveehouderij, concurrent of bondgenoot bij de voedselvoorziening van de mens. Rapporten Instituut voor Pluimveeonderzoek no. 6175. Beekbergen, 1975. pp. 11. Dutch, with Dutch summary.

M 1209 Janssen, W.M.M.A. & Terpstra, K. (IPS). (Short report on an experiment to determine the nutritional value of five fats/oils and two products, rich in starch.) Kort verslag van een proef ter bepaling van de voederwaarde van vijf vetten/oliën en twee zetmeelrijke produkten. Rapporten Instituut voor Pluimveeonderzoek no. 7975. Beekbergen, 1975. pp. 3. Dutch.

M 1210 Janssen, W.M.M.A. & Terpstra, K. (IPS). (Short report on an experiment to determine the nutritional value of five tapioca products.) Kort verslag van een proef ter bepaling van de voederwaarde van vijf tapiocaprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 8075, Beekbergen, 1975. pp. 2. Dutch.

M 1211 Janssen, W.M.M.A. & Terpstra, K. (IPS). (Report on an experiment to determine the nutritional values of 7 wheat products.) Verslag van een proef ter bepaling van de voederwaarden van zeven tarweprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 8575. Beekbergen, 1975. pp. 8. Dutch.

M 1212 Janssen, W.M.M.A.; Waanders, J. & Terpstra, K. (IPS). Poultry: The metabolizable energy of feedstuffs. Rapporten Instituut voor Pluimveeonderzoek no. 6275. Beekbergen, 1975. pp. 5. English.

M 1213 Jongebreur, A.A. (IMAG) & Zwakenberg, A. (The size of boxes and its effect on production traits and behaviour in calves for fattening.) Der Einfluss der Boxenabmessungen auf Produktionsmerkmale und Verhalten von Mastkälbern. Züchtungskunde (1976) 48(5) p. 407-418. Refs. 6. German, with English, French and Russian summaries.

M 1214 Kamp, H.H. (ACF Chemiefarma N.V., Maarssen) ;(RUU). Purification and properties of phosphatidylcholine exchange protein from bovine liver. Thesis Utrecht. 1975. pp. 92. Refs. 66, 27, 31, 25,28.English.Dutch summary.Included are articles in: Biochimica et Biophysica Acta (1972)274 p.606-617; (1973)318 p.313-325; (1973) 323 p.234-239. Nature, New Biology (1973)246 p.102-105. European Journal of Biochemistry (1974)47 p. 601-605. Role of membranes in secretory processes. North-Holland Publishing Company, Amsterdam, 1972. p. 52-61.

M 1215 Kerk, P. van de. (IMV). (Profitable cattle farming.) Renderende rundveehouderij. Terra, Zutphen, 1976. pp. 235. Dutch.

M 1216 Klooster, A.Th. van 't (LHAFD) & Gaillard, B.D.E. Digestion of carbohydrates in the intestines of dairy cows. In: Carbohydrate Research in Plants and Animals; Miscellaneous Papers Landbouwhogeschool, Wageningen. 1976, no. 12. p. 79-94. Refs. 39. English. (See M 636).

M 1217 Kop, C. (LEI). (The development of beef production on a crop husbandry farm, 1958-1973 - in the Netherlands.) De ontwikkeling van de rundvleesproduktie op een akkerbouwbedrijf. Resultaten van een akkerbouwbedrijf met rundvleesproduktie 1958 t/m 1973. Publikaties - LEI no. 3.61, The Hague, 1976. pp. 41. Dutch, with Dutch summary.

M 1218 Kroes, R. (RIV) et al. Methods for controlling the application of anabolics in farm animals. In: Anabolic Agents in Animal Production; FAO/WHO Symposium Rome, March 1975; Environmental quality and safety. Supplement Vol. V. Thieme, Stuttgart. 1976. p. 192-202. Refs. 65. English. ISBN 3 13 536101 2.

M 1219 Kruif, A. de (RUUFD) et al. (Results obtained after synchronisation of oestrus by prostaglandins in dairy cows.) Resultaten verkregen na oestrussynchronisatie met prostaglandinen bij het rund. Tijdschrift voor Diergeneeskunde (1976)101(22) p. 1257-1262. Refs. 22. Dutch, with English and Dutch summaries.

M 1220 Kuit, A.R. (IPS). (The significance of crossbreeding in poultry keeping.) De betekenis van kruisingen voor de pluimveehouderij. Pluimveehouderij (1976)6(51/52) p. 28-29, 31. Pictures 9, graphs 2, tables 2. Dutch.

M 1221 Laurijsen, H.A.J.; Oldenbroek, J.K. & Rooij, J. de. (IVO). (Orientating study of the prevention of calving complications with M.R.IJ.-heifers by cross breeding with FH and Hereford bulls and the suitability for meat production of cross bred calves.) Oriënterend onderzoek naar de preventie van afkalfmoeilijkheden bij M.R.IJ.-vaarzen door kruising met FH en Hereford stieren en de geschiktheid voor vleesproduktie van de kruisingskalveren. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 275, Zeist, 1975. pp. 9. Refs. 6. Dutch, with Dutch summary.

M 1222 Manten, A.A. (Elsevier Scientific Publishing Company, P.O. Box 330, Amsterdam). Editing a large series of books in animal science. Applied Animal Ethology (1976)2(4) p. 285-289. English.

M 1223 Molenaar, B.A.J. (Varkensonderzoekcentrum "Nieuw Dalland", Oss). (The relationship between inbreeding and meat quality in Piétrain pigs.) Het verband tussen inteelt en vleeskwaliteit in Piétrainvarkens. Tijdschrift voor Diergeneeskunde (1976)101(24) p. 1380-1381. Dutch, with English and Dutch summaries.

M 1224 Noordam, W.P. (PAGV). (Quantitative information on arable farming - in the Netherlands.) Kwantitatieve akkerbouwinformatie. Bedrijfssynthese 1975-1976. Publikaties Proefstation voor de Akkerbouw no. 20, Lelystad, 1975. pp. 98. Tables. Dutch.

M 1225 (Plan for the development of animal production research - in the Netherlands - part 1, 2 and 3.) (TNO). Ontwikkelingsplan dierlijk produktie onderzoek, deel 1, 2 en 3. NRLO-TNO, The Hague, 1976. pp. 443. Dutch.

M 1226 Politiek, R.D. (LHAVT). Outlook on cattle breeding in the Netherlands. **In**: Optimization of Cattle Breeding Schemes (1976) EUR 5490e p. 305-307. English. (See M 1187).

M 1227 Prins, R.A. & Meer, P. van der. (RUUFD). On the contribution of the acrylate pathway to the formation of propionate from lactate in the rumen of cattle. Antonie van Leeuwenhoek (1976)42(1) p. 25-31. Refs. 15. English, with English summary.

M 1228 Putten, G. van. (IVO). (Experiments on improvements before and during the transport of fattening pigs.) Proeven aangaande verbeteringen voor en tijdens het transport van mestvarkens. Bedrijfsontwikkeling (1976)7(11) p. 813-823. Refs. 7. Dutch, with Dutch summary.

M 1229 Putten, G. van (IVO) & Dammers, J. A comparative study of the well-being of piglets reared conventionally and in cages. Applied Animal Ethology (1976)2(4) p. 339-356. Refs. 8. English, with English summary.

M 1230 (Research Station for Cattle Husbandry; Annual Report 1976.) (PR). Jaarverslag 1976. Proefstation voor de Rundveehouderij, Lelystad, 1976. pp. 116. Dutch. Price ƒ 10,--.

M 1231 Ridder, A.R. & Doornbos, J. (PR). (The influence of different storage systems of wilted silage on the profitability of dairy farms.) Broodkuil, sleufsilo of torensilo voor de opslag van voordroogkuil. Rendabiliteitsvergelijking voor gezins- en tweemansbedrijven met melkvee. Rapporten - Proefstation voor de Rundveehouderij no. 44, Lelystad, 1976. pp. 49. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 1232 Rossing, W. (IMAG). (Concentrate dosing to dairy cattle.) Krachtvoerdosering aan melkvee. Landbouwmechanisatie (1976)27(1) p. 71-72. Dutch.

M 1233 Rossing, W. (IMAG). (Automatic cow recognition. Broadcaster on or in cow.) Automatische koeherkenning. Zender aan of in koe. Landbouwmechanisatie (1976)27(12) p. 1190-1200. Dutch.

M 1234 Rossing, W. (IMAG) et al. (Concentrate feeding outside the milking parlour.) Krachtvoerdosering buiten de melkstal. IMAG-Publikaties no. 46, Wageningen, 1976. pp. 19. Refs. 5. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 1235 Scheele, C.W. (IPS). The availability of metabolizable energy corrected for N equilibrium. Rapporten Instituut voor Pluimveeonderzoek no. 6075. Beekbergen, 1975. pp. 10. Refs. 22. English.

M 1236 (Series test of rotary tillers with tines and rotary cultivating seeders.) (IMAG). Merkenonderzoek hakenfrezen en zaaifrezen. IMAG-Publikaties no. 62, Wageningen, 1976. pp. 40. Dutch, with English summary.

M 1237 (Spelderholt Institute for Poultry Research, Beekbergen. Annual Report 1975.) (IPS). Jaarverslag 1975. IPS, Beekbergen, 1976. pp. 112. Dutch.

M 1238 Steg, A. & Rijpkema, Y.S. (IVH). (Nutritional value aspects of cocoa meal.) Voederwaarde-aspekten van cacaoschroot. Interne Rapporten - Instituut voor Veevoedingsonderzoek "Hoorn" no. 81, Hoorn, undated. pp. 30. Refs. 14. Dutch.

M 1239 Swierstra, D. (IMAG). (Basement constructions of cubicle houses.) Onderbouwconstructies van ligboxenstallen. Landbouwmechanisatie (1976)27(1) p. 45-49. Refs. 3. Dutch, with English summary.

M 1240 Terpstra, K. & Endendijk, B. (IPS). (A study of some destruction fats.) Onderzoek van een aantal destructievetten. Rapporten Instituut voor Pluimveeonderzoek no. 9975, Beekbergen, 1975. pp. 23. Dutch.

M 1241 Teunis, G.P. (IPS). (The effect of feeds with different phosphor contents on the production, egg weight, shell quality, the phosphor amount of the egg content and faeces and the ash residue of the tibia of laying hens.) De invloed van voeders met verschillende fosforgehaltes op de produktie, het eigewicht, de schaalkwaliteit, het fosforgehalte van ei-inhoud en faeces en de asrest van de tibia bij leghennen. Rapporten Instituut voor Pluimveeonderzoek no. 8375, Beekbergen, 1975. pp. 20. Dutch, with Dutch summary.

M 1242 Teunis, G.P. (IPS). (Time elapse determination of the rapid growth phase of follicles in laying hens.) Tijdsduurbepaling van de snelle groeifase bij leghennen. Biotechniek (1976)15(10) p. 197-202. Refs. 4. Dutch.

M 1243 Uwland, J. (Gezondheidsdienst voor dieren in Zuid-Holland, Gouda). (Trials of artificial vaginas for bulls.) Experimenten met kunstscheden voor stieren. Tijdschrift voor Diergeneeskunde (1976)101 (13) p. 718-727. Refs. 13. Dutch, with English and Dutch summaries.

M 1244 Veldkamp, K.M. (LEI). (Studyfarms with zerograzing.) Studiebedrijven met zomerstalvoedering. Bedrijfsontwikkeling (1976)7(10) p. 747-748. Dutch.

M 1245 Waanders, J. (IPS). (Wheat products - for poultry nutrition.) Tarweprodukten. Statistisch verslag van proef 554. Rapporten Instituut voor Pluimveeonderzoek no. 6875. Beekbergen, 1975. pp. 20. Dutch.

M 1246 Waanders, J. (IPS). (Wheat products - for poultry nutrition -. Statistical report of trial no. 734.) Tarweprodukten. Statistisch verslag van proef 734. Rapporten Instituut voor Pluimveeonderzoek no. 7375, Beekbergen, 1975. pp. 5. Dutch.

M 1247 Waanders, J. (IPS). (Oats - for poultry nutrition. Statistical report of trial no. 512.) Haver, Statistisch verslag van proef 512. Rapporten Instituut voor Pluimveeonderzoek no. 7875. Beekbergen, 1975. pp. 15. Dutch.

M 1250 Waltmann, J.K. (IPS). (Determination of convertible energy of 3 samples of wheat products and 4 samples of maize products.) Bepaling van de omzetbare energie van drie partijen tarweprodukten en vier partijen maisprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 7175, Beekbergen, 1975. pp. 10. Dutch, with Dutch summary.

M 1248 (Waiboerhoeve (trialfarm) 1974/1975. Report of the working group 'Research in the farm situation'.) (PR). Waiboerhoeve 1974/1975. Verslag van de werkgroep 'Onderzoek in bedrijfsverband'. Publikaties Proefstation voor de Rundveehouderij, no. 4. Lelystad, 1975. pp. 83. Dutch, with English and Dutch summaries.

M 1249 Wal, P. van der. (ILOB). General aspects of the effectiveness of anabolic agents in increasing protein production in farm animals, in particular in bull calves. **In:** Anabolic Agents in Animal Production; FAO/WHO Symposium, Rome, March 1975. Environmental quality and safety. Supplement Vol. V. Thieme, Stuttgart, 1976. p. 60-78. Refs. 38. English. ISBN 3 13 536101 2.

M 1251 Weerden, E.J. van (ILOB) & Grandadam, J.A. The effect of an anabolic agent on N deposition, growth, and slaughter quality in growing castrated male pigs. **In:** Anabolic Agents in Animal Production; FAO/WHO Symposium Rome, March 1975; Environmental quality and safety. Supplement Vol. V. Thieme, Stuttgart, 1976. p. 115-122. Refs. 4. English. ISBN 3 13 536101 2.

ANIMAL PRODUCTS, DAIRYING

(Also Nos M 685, 700, 720, 725, 732, 792, 1177, 1182, 1192, 1205, 1206, 1223, 1225, 1237, 1241, 1251, 1331, 1369)

M 1252 Bergström, P.L. (IVO). Sample joint dissection as a measure of carcass composition. Carcass and Meat Characteristics in Beef Production Experiments. 1976. EUR 5489. p. 179-191. Refs. 16. English. (See M 1182).

M 1253 Boer, H. de. (IVO). Visual assessment of conformation, fleshiness, muscularity and fatness. Carcass and Meat Characteristics in Beef Production Experiments. 1976. EUR 5489. p. 141-150. Refs. 10. English. (See M 1182).

M 1254 Boer, H. de; Bergström, P.L.; Jansen, A.A.M. & Nijeboer, H. (IVO). Carcass measurements and visual assessments as predictors of lean meat content, with reference to the EEC classification and grading system. Rapporten Instituut voor Veeteeltkundig Onderzoek "Schoonoord" no. C 248, Zeist, 1976. pp. 21. Refs. 16. English, with English and French summaries.

M 1255 Bolder, N.M. (IPS). The water uptake of broilers prior to chilling. Spelderholt Mededeling no. 240. Beekbergen, 1975. pp. 6. Refs. 9. English.

M 1256 Bijker, P.G.H. (RUU); Mol, H. & Vincentie, H.M. (An investigation into the presence of staphylococci in farm milk.) Een onderzoek naar het voorkomen van staphylococcen in boerderijmelk. Tijdschrift voor Diergeneeskunde (1976)101(7) p. 365-371. Refs. 37. Dutch, with English and Dutch summaries.

M 1257 Dolphin, R.J.; Hoogeveen, L.P.J. (Philips Natuurkundig Laboratorium, Eindhoven); Willmott, F.W. (An experimental apparatus for the automatic determination of chlorine containing residues in milk.) Een experimenteel apparaat voor het automatisch bepalen van chloorhoudende residuen in melk. Philips Technisch Tijdschrift (1976)36(10) p. 293-300. Refs. 4. Dutch.

M 1258 Erdtsieck, B. (IPS). The "total quality" concept. Spelderholt Mededeling no. 228, IPS, Beekbergen, 1975. pp. 12. Refs. 58. English.

M 1259 Erdtsieck, B. (IPS). On the water absorption during poultry processing. Spelderholt Mededeling no. 239. Beekbergen, 1975. pp. 8. Refs. 30. English, with English summary.

M 1260 Fielliettaz Goethart, R.L. de (CIVO) & Slagman, J. (Determination of the amount of crude meat in croquettes.) Het bepalen van de hoeveelheid grof vlees in kroketten. Voedingsmiddelentechnologie (1976)9(43) p. 28-29. Dutch.

M 1261 Frijters, J.E.R. (IPS). Evaluation of a texture profile for cooked chicken breast meat by principal component analysis. Spelderholt Mededeling no. 234, Beekbergen, 1975. pp. 8. Refs. 21. English.

M 1262 Gerrits, A.R. (IPS) & Jansonius, F.A.T. Recrystallization of icecrystals in frozen muscle tissue of broilers. Spelderholt Mededeling no. 233, Beekbergen, 1975. pp. 9. Refs. 25. English.

M 1263 Gerssen, T.G. (CIVO); Hiddink, J. & Boer, R. de. (Reverse osmosis of milk.) Omgekeerde osmose van melk. Voedingsmiddelentechnologie (1976)9(51) p. 11-18. Refs. 18. Dutch, with English summary.

M 1264 Hansen, R. (Ahrend NV, Ter Apel). Laude cheese moulds with invisible cheese cloth. The World Galaxy (1976)(6) p. 72-75. English.

M 1265 Hiddink, J.; Boer, R. de & Nooy, P.F.C. (NIZO). (Ultrafiltration of concentrated whey, 2.) Ultrafiltratie van ingedikte wei, 2. Zuivelzicht (1976)68(51) p. 1126-1127. Dutch, with English summary.

M 1266 Hofmans, G.J.P. (IPS) & Veerkamp, C.H. Vacuum-cooling of broiler carcasses. Spelderholt Mededeling no. 231, Beekbergen, 1975. pp. 6. Refs. 5. English.

M 1267 (An inventory of problems concerning egg shell damagement and suggestions for research in this area.) (TNO). Inventarisatie van problemen met betrekking tot eischaalbeschadigingen en voorstellen voor onderzoek op dit terrein. NRLO-TNO, The Hague, 1976. pp. 45. Refs. 55. Dutch.

M 1268 Jaartsveld, F.H.J.&Mathijssen, H.M. (Gezondheidsdienst voor Dieren in Noord-Brabant, Boxtel).(Use of the milk ring test in herd samples.) De waarde van de abortus bang ring-reaktie bij bedrijfsmelkmonsters. Tijdschrift voor Diergeneeskunde (1976)101(12) p. 664-668. Refs. 7. Dutch, with English and Dutch summaries.

M 1269 Kan, C.A. (IPS) & Tuinstra, L.G.M.T. Accumulation of organochlorine insecticides in poultry. Spelderholt Mededeling no. 237, IPS, Beekbergen, 1975. pp. 9. Refs. 10. English.

M 1270 Kerkvliet, J.D. (Keuringsdienst van Waren, Haarlem) & Putten, A.P.J. van der. (Pollen spectrum of some Dutch honeys.) Das Pollenbild einiger niederländischer Honige. Apidologie (1975)6(3) p. 195-206. Refs. 11. German, with English and French summaries.

M 1271 Krol, B. (CIVO). (New German regulations for meat products.) Nieuwe Duitse richtlijnen voor vleeswaren. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1023, Zeist, 1976. pp. 4. Refs. 4. Dutch. Repr.: Vleesdistributie en Vleestechnologie (1975)10(11) p. 12-15.

M 1272 Krol, B. (RUU); (CIVO). (Nitrite in meat products.) Nitrit in Fleischwaren. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1062, Zeist, 1976. pp. 5. Refs. 39. German, with English summary. Repr.: Wiener Tierärztliche Monatsschrift (1976)63(5) p. 161-165.

M 1273 Kruijf, J.M. de (RUUFD) & Logtestijn, J.G. van. (The postmortal decline of pH-value in liver, kidney, spleen and udder of slaughtered pigs and cattle.) Über den postmortalen pH-Verlauf in Leber, Niere, Milz und Euter von geschlachteten Rindern und Schweinen. Archiv für Lebensmittelhygiene (1976)27(5) p. 176-178. Refs. 11. German, with English summary.

M 1274 Langeveld, L.P.M. & Cuperus, F. (NIZO). (Two rapid and sensitive methods for the detection of post-pasteurization contamination in pasteurized milk and milk products.) Twee gevoelige methoden waarmee in korte tijd nabesmetting van gepasteuriseerde melk en melkprodukten kan worden vastgesteld. Zuivelzicht (1976)68(45) p. 990-992. Dutch, with English and Dutch summaries.

M 1275 Langeveld, L.P.M.; Robbertson, T. & Stadhouders, J. (NIZO). (Sterility control and sampling of aseptically UHT-sterilized products.) Steriliteitscontrole en bemonstering van stromend gesteriliseerde, aseptisch verpakte produkten. NIZO-Mededelingen no. M 11, Ede, 1976. pp. 20. Dutch, with English and Dutch summaries.

M 1276 Loo, L.G.W. van der. (LHALT). (The production of instant whole milk powder (conclusion).) De bereiding van instant vol melkpoeder (slot). Voedingsmiddelentechnologie (1976)9(24) p. 42-45. Refs. 51. Dutch.

M 1277 Maatje, K. (IVO) & Rossing, W. Detecting oestrus by measuring milk temperatures of dairy cows during milking. Livestock Production Science (1976)3(1) p. 85-89. Refs. 9. English, with German, English and French summaries.

M 1278 (Measuring the amount of milk in the dairy factory and the fat balance in the cheese factory.) (KFNZ). Hoeveelheidsmeting van melk in de zuivelfabriek en vetbalans in de kaasmakerij. Verslag Koninklijke Nederlandse Zuivelbond FNZ no. 24, The Hague, 1976. pp. 40. Dutch, with Dutch summary.

M 1279 Michels, P.W. (Homburg, Cuyk). (The manufacture of cooked sausage after the Drainkarn process in the factories of the Homburg-concern.) Die Kochschinkenherstellung nach dem Drainkarnverfahren in den Fleischwarenfabriken des Homburg-Konzerns. Die Fleischwirtschaft (1976)56(10) p. 1425-1434. Refs. 13. German.

M 1280 Middelkoop, J.H. van; Kuit, A.R. & Zegwaard, A. (IPS). Genetic and environmental influences on broiler fat content. Spelderholt Mededeling no. 242. Beekbergen, 1975. pp. 4. Refs. 21. English.

M 1281 Moerman, P.C. & Meester, J. (CIVO). (Quality and composition of industrially prepared smoked sausage and frankfurters.) Kwaliteit en samenstelling van industrieel bereide rookworst en knakworst. Voedingsmiddelentechnologie (1976)9(11) p. 23-25. Dutch, with Dutch summary.

M 1282 Mol, J.J. (NIZO). (Effect of the pre-heating of milk on some of the characteristics of milk powder.) De invloed die de voorverhitting van melk heeft op enkele eigenschappen van melkpoeder. Zuivelzicht (1976)68(25) p. 588-589. Dutch, with English and Dutch summaries.

M 1283 Mulder, R.W.A.W. (IPS). Radiation inactivation of Salmonella panama and Escherichia coli K12 present on deepfrozen poultry carcasses. Spelderholt Mededeling no. 232, IPS, Beekbergen, 1975. pp. 7. Refs. p. 6-7. English.

M 1284 Mulder, R.W.A.W. & Dorresteijn, L.W.J. (IPS). Microbiological quality of mechanically deboned poultry meat. Spelderholt Mededeling no. 243. Beekbergen, 1975. pp. 7. Refs. 9. English, with English summary.

M 1285 Mulder, R.W.A.W.; Dorresteijn, L.W.J.; Hofmans, G.J.P. & Veerkamp, C.H. (IPS). Experiments with continuous immersion chilling (of chickens) according to the code of practice. Spelderholt Mededeling no. 238. Beekbergen, 1975. pp. 12. Refs. 10. English, with English summary.

M 1286 Mulder, R.W.A.W. & Hulst-van Arkel, M.C. van der. (IPS). (Antibiotic residues in organs and muscle tissues of broilers. 1: Bacitracin, flavomycin, spiramycin and virginiamycin residues following administration of diets containing low levels of these antibiotics.) Residuen van antibiotica in organen en pluimveevlees. 1: residuen van bacitracine, flavomycine, spiramycine en virginiamycine na nutritieve dosering in het voer tijdens de mestperiode. Tijdschrift voor Diergeneeskunde (1976)101(21) p. 1194-1198. Refs. 6. Dutch, with English and Dutch summaries.

M 1287 Narucka, U. & Westendorp, J.F. (Vleeskeuringsdienst "Kring Oss", Oss). Investigation of the incidence of Salmonella in the faeces, mesenteric lymph glands and intestinal wall (Peyer's patches) of normal pig carcases. Tijdschrift voor Diergeneeskunde (1976)101 (12) p. 669-673. Refs. 7. Dutch, with English and Dutch summaries.

M 1288 Nieuwenhof, F.F.J.; Stadhouders, J. & Vries, E. de. (NIZO). (Manufacture of rindless Emmental cheese.) De bereiding van in folie gerijpte Emmentaler kaas. Zuivelzicht (1976)68(11) p. 252-256. Refs. 5. Dutch, with English and Dutch summaries.

M 1289 (One of nine, dairy food aid to developing countries.)(Het Nederlands Zuivelbureau, Postbus 30, Rijswijk, Z.H.) Eén op negen. Het Nederlands Zuivelbureau, Rijswijk, Z.H. Melk in Relatie tot de Gezondheid; een serie van driemaandelijkse wetenschappelijke notities op voedingsgebied (1976)3(4) p. 1-32. Dutch.

M 1290 Payens, T.A.J. (NIZO). On the enzyme-triggered clotting of casein; a preliminary account. Netherlands Milk and Dairy Journal (1976)30(1) p. 55-59. Refs. 12. English.

M 1291 Schmidt, D.G. (NIZO) & Buchheim, W. Particle size distribution in casein solutions. Netherlands Milk and Dairy Journal (1976)30(1) p. 17-28. Refs. 39. English, with English and Dutch summaries.

M 1292 Schoenmakers, M.J.G. (Abattoir, Amsterdam) & Bes, J. (Counts of aerobic bacteria using a droplet technique - in meat and meat products.) Bepaling van het aeroob kiemgetal met behulp van een druppel-techniek. Tijdschrift voor Diergeneeskunde (1976)101(5) p. 251-252. Refs. 2. Dutch, with English summary.

M 1293 Snoeren, T.H.M.; Koops, J. & Westerbeek, D. (NIZO). Effect of the molecular weight of kappa-carrageenan on the retardation of fat separation in evaporated milk. Netherlands Milk and Dairy Journal (1976)30(1) p. 29-40. Refs. 19. English, with English and Dutch summaries.

M 1294 Snoeren, T.H.M.; Spek, C.A. van der & Payens, T.A.J. (NIZO). Preparation of κ - and minor α_s - casein by electrostatic affinity chromatography. Biochimica et Biophysica Acta (P) (1977)490(1) p. 255-259. Refs. 22. English.

M 1295 Snijders, J.M.A. (RUUFD). (Pig slaughtering hygiene.) Hygiene bij het slachten van varkens. Doctoral thesis, Utrecht, 1976. pp. 147. Refs. Dutch, with German, English and Dutch summaries.

M 1296 Snijders, J.M.A. (RUUFD) & Gerats, G.E. (Pig slaughtering hygiene. III. The effects of a number of factors on dehairing.) Hygiene bei der Schlachtung von Schweinen. III. Der Einfluss verschiedener Faktoren auf die Enthaarung. Fleisch Wirtschaft (1976)56(2) p. 238-241. Refs. 30. German, with English summary.

M 1297 Steenbergen, A.E. (NIZO). (Continuous measurement of the moisture content of milk powder.) Continu registreren van het vochtgehalte van melkpoeder. Zuivelzicht (1977)69(2) p. 40-42. Dutch, with English summary.

M 1298 Terbijhe, R.J. (RUUFD). (Inspection of "christmas rabbits".) Keuring van "kerstkonijnen". Tijdschrift voor Diergeneeskunde (1976)101(21) p. 1185-1188. Refs. 7. Dutch, with English and Dutch summaries.

M 1299 Terbijhe, R.J. (RUUFD). (A preliminary study of the bacteriological quality and bone content of poultry meat.) Een oriënterend onderzoek naar bacteriologische gesteldheid en botpercentage van pluimveemeat. Voedingsmiddelentechnologie (1976)9(10) p. 9-11. Refs. 15. Dutch, with Dutch summary.

M 1300 Tinbergen, B.J. (CIVO). (The role of meat primary matter in heated meat products. I. Connective tissue.) De rol van vleesgrondstoffen bij verhitte vleesprodukten. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1046. Zeist, 1976. pp. 5. Refs. 9. Dutch. Repr.: Vleesdistributie en Vleestechnologie (1976)(2) p. 8-12.

M 1301 Tinbergen, B.J. (CIVO). Colour aspects in beef. Carcass and Meat Characteristics in Beef Production Experiments. 1976. EUR 5489 p. 275-283. Refs. 12. English. (See M 1182).

M 1302 Tinbergen, B.J. (CIVO). (The role of meat primary matters in the binding in heated meat products. II. Survey of recent development.) De rol van vleesgrondstoffen bij de binding in verhitte vleesprodukten. II. Overzicht van recente ontwikkeling. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1070, Zeist, 1976. pp. 4. Refs. 18. Dutch. Repr.: Vleesdistributie en Vleestechnologie (1976)11(7-8) p. 10-13.

M 1303 (Transfer of butterfat from summer to winter.) (KFNZ). Overheveling van melkvet uit de zomer naar de winter. Verslag Koninklijke Nederlandse Zuivelbond FNZ no. 25, Den Haag, 1976. pp. 54. Dutch, with Dutch summary.

M 1304 Veringa, H.A. (NIZO); Berg, G. van den & Stadhouders, J. An alternative method for the production of cultured butter. Milchwissenschaft (1976)31(11) p. 658-662. Refs. 9. English, with German summary.

M 1305 Visser, F.M.V. (LHALMT). Method for the manufacture of rennet-free cheese. Netherlands Milk and Dairy Journal (1976)30(1) p. 41-54. Refs. 28. English, with English and Dutch summaries.

M 1306 Visser, S.; Rooijen, P.J. van (NIZO); Schattenkerk, C. & Kerling, K.E.T. Peptide substrates for chymosin (rennin)-kinetic studies with peptides of different chain length including parts of the sequences 101-112 of bovine kappa-casein. Biochimica et Biophysica Acta - Enzymology (1976)438(1) p. 265-272. Refs. 29. English, with English summary.

M 1307 Vries, E. de; Berg, G. van den & Ginkel, W. van. (NIZO). (Test of a curd-making tank.) Beproeving van een wrongelbereidingstank. NIZO-Rapporten no. R 105, Ede, 1976. pp. 24. Dutch, with English and Dutch summaries.

M 1308 Vries, T. de. (MOC). (Primary infection of milk, variation of the bacterial and leucocytal content during the course of the milking.) Infección primaria en leche, variación del contenido bacteriano y leucocitario durante el curso del ordeno. Industria Lechera (1976)55(648) p. 9-11. Refs. 4. Spanish.

M 1309 Vries, T. de. (MOC). Primary infection of milk, 2: Variation of bacterial and cell counts in milk during the course of milking. Netherlands Milk and Dairy Journal (1976)30(1) p. 9-16. Refs. 10. English, with English and Dutch summaries.

WILD ANIMALS, HUNTING, FISHERIES, FISH BREEDING ETC.

(Also No M 929)

M 1310 Bergman, M.(NIOZ) et al. (Shrimps and crabs as possible predators of 0-year old plaice at the Balgzand - Netherlands.) Garnalen en krabben als mogelijke predatoren van 0-jarige schol op het Balgzand. Visserij (1976)29(7) p. 432-438. Refs. 15. Dutch.

M 1311 Boddeke, R. & Verbaan, A. (RIVO). (The mechanical transporter for the rotating-sorting-machine.) Het mechanisch transport voor de spoelsorteermachine. Visserij (1976)29(6) p. 386-396. Refs. 8. Dutch, with English summary.

M 1312 Deelder, C.L. (RIVO). The problem of the supernumary zones in otoliths of the European eel (Anguilla anguilla (Linnaeus, 1758)); a suggestion to cope with it. Aquaculture (1976)9(4) p. 373-379. Refs. 7. English, with English summary.

M 1313 Dorgelo, J. (GUA). Salt tolerance in Crustacea and the influence of temperature upon it. Biological Reviews (1976)51(3) p. 255-290. Refs. p. 282-290. English.

M 1314 Groot, S.J. de & Ruiter, A. (RIVO). (Recognition of flatfish and fishery products.) De herkenning van platvissen en visprodukten. Visserij (1976)29(7) p. 419-431. Dutch.

M 1315 Horjus, K.M. (LEI). (Financial results of mussel producers in the province of Zeeland - Netherlands - in 1973/74.) Bedrijfsresultaten van in Zeeland gevestigde mosselkwekerijen in 1973/74. Publikaties-LEI no. 5.41, The Hague, 1976. pp. 51. Dutch, with English summary. Price ƒ 7,--.

M 1316 Huisman, E.A. (LHAVT). Food conversion efficiences at maintenance and production levels for carp, Cyprinus carpio L., and rainbow trout, Salmo gairdneri Richardson. Aquaculture (1976)9(3) p. 259-273. Refs. 26. English, with English summary.

M 1317 Jager, J. de. (LEI). (Economic results of the Dutch middle-water fisheries, 1974 and 1975.) Bedrijfsresultaten van de grote zeevisserij. Definitieve cijfers 1974 en voorlopige cijfers 1975. Publikaties-LEI no. 5.43, The Hague, 1976. pp. 42. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 1318 Klein Breteler, W.C.M. (NIOZ). Migration of the shore crab, Carcinus maenas, in the Dutch Wadden Sea. Netherlands Journal of Sea Research (1976)10(3) p. 338-353. Refs. 18. English, with English summary.

M 1319 Klein Breteler, W.C.M. (NIOZ). Settlement, growth and production of the shore crab, Carcinas maenas, on tidal flats in the Dutch Wadden Sea. Netherlands Journal of Sea Research (1976)10(3) p. 354-376. Refs. 16. English, with English summary.

M 1320 Koeman, J.H. & Strik, J.J.T.W.A. (LHAT). Sublethal effects of toxic chemicals on aquatic animals. Proceedings of the Swedish-Netherlands Symposium. Wageningen 2 - 5 Sept. 1975. Elsevier, Amsterdam, 1975. pp. 234. English. ISBN 0 444 41399 5.

M 1321 Kuiter, C.J. (RIVO). (The mackerel in Western European waters.) De makreel in de West-Europese wateren. Visserij (1976)29(6) p. 377-385. Dutch.

M 1322 Starkenburg, W. van & Zweerde, W. van der. (CABO). (Investigation into the influence of fish density of water, depth and salt content and of disturbance on food intake and food conversion of the grass carp including its behavior in presence of animal food.) Onderzoek naar de invloed van bezettingsdichtheid van waterdiepte en zoutgehalte en van verstoring op de voedselopname en -conversie van de graskarper, alsmede naar zijn gedrag bij aanwezigheid van dierlijk voedsel. CABO-project nr. 455; Verslag no. 301, LH/NB 74/75.44. pp. 28. Refs. 29. Dutch.

M 1323 Wagemans, M.C.H. (Directie van de Visserijen, Bezuidenhoutseweg 73, Den Haag). (Financing problems in Dutch fishery.) Financieringsproblemen binnen de Nederlandse Visserij. Visserij (1976)29(1) p. 4-9. Dutch.

M 1324 Westerduin, J.(MLV). (The sole fishery project (Bay of Biscay) 1976.) Het tongvisserij (Golf van Biscaye) projekt 1976. Visserij (1976)29(6) p. 397-402. Dutch.

M 1325 Wijsman, T.C.M. (RUUFD). Biochemical adaptations of Mytilus edulis L. on facultative anaerobiosis. Doctoral thesis, Utrecht, 1976. pp. 93. Refs. English, with English and Dutch summaries.

M 1326 Zon, J.C.J. van (CABO) & Zonderwijk, P. (Profile of the grass carp in the Netherlands.) Profiel van de graskarper in Nederland. Vakblad voor Biologen (1976)56(18) p. 281-292. Dutch, with Dutch summary.

FOOD SCIENCE

(Also Nos M 602, 609, 690, 929, 962, 1208, 1289, 1295, 1298, 1314, 1369)

M 1327 Akker, D. van den (Veeartsenijkundige Dienst, Zwolle) & Luijpen, A.F.M.G. (Course food hygiene (54)10 Government survey. 10.3. The organization of the government supervision.) Leergang Voedingsmiddelenhygiëne (54)10 Overheidstoezicht 10.3. De organisatie van het overheidstoezicht. Voedingsmiddelentechnologie (1976)9(43) p. 31-33. Dutch.

M 1328 Berg, C. van den et al. (LHALMT). Water binding by potato starch. Journal of Food Technology (1975)10(6) p.589-602. Refs. 40. English.

M 1329 Botma, Y. (Flavour Centre Naarden International Holland BV, Naarden). (Refreshening drinks in Western Germany.) Frisdranken in West-Duitsland. Voedingsmiddelentechnologie (1976)9(50) p. 12-17. Dutch, with English and German summaries.

M 1330 Bovenkamp, P. van de. (LHAVO). (A study of the fat content and the fatty acid composition of foods.) Onderzoek naar het vetgehalte en de vetzuursamenstelling van voedingsmiddelen. Publikaties LH Vakgroep Humane Voeding no. 75-06, Wageningen, 1975. pp. 107. Refs. 20. Dutch.

M 1331 Broek, M.J.M. van den & Bijker, P.G.H. (RUU). (Food poisoning following consumption of canned meat prepared by a butcher.) Voedselvergiftiging na consumptie van door een slager bereid vlees in blik. Tijdschrift voor Diergeneeskunde (1976)101(7) p. 372-374. Dutch, with English and Dutch summaries.

M 1332 Brussel, L.B.P. (URL); Peer, H.G. & Heijden, A. van der. Structure-taste relationship of some sweet-tasting dipeptide esters. Zeitschr. für Lebensm. Untersuchung und -Forschung (1975)159(6). p.337-343. Refs. 15. English.

M 1333 Edema, J.M.P. (LHAVO). (Social conditions for the application of food norms in the daily life.) Sociale voorwaarden voor de toepassing van voedingsnormen in het dagelijks leven. Postac (1977)(27) p. 5-14. Dutch.

M 1334 Frijters, J.E.R. (IPS). Sensory evaluation: a link between food research and food acceptance research! Spelderholt Mededeling no. 229, IPS, Beekbergen, 1975. pp. 7. Ref. 1. English.

M 1335 Groen, J.J. (RUL). (Why bread in the diet lowers serum cholesterol level?) Waarom verlaagt brood in de voeding het serumcholesterol gehalte? Voeding (1976)37(11) p. 602-610. Refs. 20. Dutch, with English summary.

M 1336 Groot, A.P. de et al. (CIVO). Safety evaluation of yeast grown on hydrocarbons. IV. Two-year feeding and multigeneration study in rats with yeast grown on pure n-paraffins. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1039. Zeist, 1976. pp. 9. Refs. 9. English. Repr.: Fd. Cosmet. Toxicol. (1975)13. p.619-627.

M 1337 Groot, E.H. (LHAVO). (Some observations on nutrition and food habits.) Enkele opmerkingen over voeding en voedingsgewoonten. Voeding (1976)37(12) p. 694-701. Refs. 17. Dutch.

M 1338 Hartog, C. den. (LHAVO). (Thoughts on a good diet.) Gedachten over een goede voeding. TNO-Project (1976)4(11) p. 386-392. Dutch.

M 1339 Hartog, C. den. (LHAVO). (75 years of nutrition and health in the Netherlands. Changing insight in the relation nutrition and health since 1900.) 75 jaar voeding en gezondheid in Nederland. Veranderd inzicht in de relatie voeding en gezondheid sinds 1900. Voeding (1976)37(3) p. 117-126. Refs. 21. Dutch.

M 1340 Hautvast, J.G.A.J. (LHAVO). (Food and health in developing countries.) Voeding en gezondheid in de ontwikkelingslanden. Heterosis cursus, Wageningen, 1976/1977. Humane Voeding; pp. 21. Dutch.

M 1341 Hautvast, J.G.A.J. (LHAVO). (Function of foodstuffs.) Funktie van de voedingsstoffen. Heterosis cursus, Wageningen, 1976/1977. Humane Voeding; pp. 31. Refs. 22. Dutch.

M 1342 Heemst, H.D.J. van. (CABO). (The maximum world food production.) De bovengrens van de voedselproduktie op aarde. Landbouwkundig Tijdschrift (1976)88(6a) p. 202-205. Refs. 6. Dutch, with Dutch summary.

M 1343 Hellendoorn, E.W. (CIVO). Activities on food research and product development for the National Defence Research Organization of the Netherlands. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1051, Zeist, 1976. pp. 9. Refs. 14. English. Repr.: Proc. Food for the armed forces, 3nd Int. Meet., Nattick, October 1975 (1976) p. 229-237.

M 1344 Hermus, R.J.J. (LHAVO). (Feeding of man.) Voeding van de mens. Heterosis cursus, Wageningen, 1976/1977. Humane Voeding; pp. 39. Refs. 15. Dutch.

M 1345 Hermus, R.J.J. & Hautvast, J.G.A.J. (LHAVO). (Heterosis course 1976/1977: Human nutrition.) Heterosis cursus 1976/1977: humane voeding. Landbouwhogeschool, Wageningen, 1976. pp. 95. Refs. 29. Dutch.

M 1346 Hoopen, W.L. ten. (Municipal Commission for Health, Education and Information, The Hague). Dietitians in the EEC. 1. The Netherlands. A dietitian in a dental health programme. Journal of Human Nutrition (1976)30(6) p. 381-387. English.

M 1347 Kamer, J.H. van de (Wilhelmina Kinderziekenhuis, Utrecht); (CIVO) & Wauters, E.A.K. (Malabsorption.) Malabsorption. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1047, Zeist, 1976. pp.5. Refs.8. German, with English summary. Repr.: Schweiz. Medizinische Wochenschrift (1976)106(9) p. 285-289.

M 1348 Kleipool, R.J.C. ; Tas, A.C. & Straten, S. van. (CIVO). The identification of two natural beverage components - rhum, cognac. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1088. Zeist, 1976. pp. 3. Refs. 10. English. Repr: Lebensm.-Wiss. u. -Technol. (1976)(9) p. 296-298.

M 1349 Koeman, J.H. (LHAT). (Chemicals in our food.) Chemicaliën in ons voedsel. Natuur en Techniek (1976)44(3) p. 201-215. Refs. 9. Dutch.

M 1350 Kreek, F.W. van der. (Inspectie voor het Toezicht op Levensmiddelen en de Keuring van Waren, Leidschendam). (Acute chemical food poisoning.) Acute chemische voedselintoxicatie. 1. Voeding (1976)37(3) p. 140-153. Dutch, with Dutch summary.

M 1351 Kreek, F.W. van der. (Inspectie voor het Toezicht op Levensmiddelen en de keurings van Waren, Leidschendam). (Acute chemical food poisoning, 2.) Acute chemische voedselintoxicatie, 2. Voeding (1976)37(12) p. 686-693. Refs. 20. Dutch, with English summary.

M 1352 Lassche, J.B. (CIVO). (The sensoric examination of foodstuffs.) De sensorische beoordeling van voedingsmiddelen. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1073. Zeist, 1976. pp. 5. Dutch. Repr.: Ned. Tijdschrift voor Diëtisten (1976) 31(7) p. 245-249.

M 1353 Mossel, D.A.A. (RUUFD). Microbiological quality assurance of water in relation to food hygiene. Archiv für Lebensmittelhygiene (1976)27(6) p. 197-198. Refs. 16. English, with German summary.

M 1354 Mossel, D.A.A. (RUUFD). The selective enumeration of Gram positive and Gram negative bacteria in foods, water, and medicinal and cosmetic preparations. Pharmaceutisch Weekblad (1977)112(2) p. 41-48. Refs. 72. English, with English and Dutch summaries.

M 1355 Mulder, S.J. (CIVO). (Microbial infection in storage and transport of beef.) Bederfflora bij de opslag en het transport van rundvlees. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1048. Zeist, 1976. pp. 4. Refs. 8. Dutch. Repr.: Vleesdistributie en vleestechnologie (1976)(4) p. 22-25.

M 1356 Rethans, E.J.M.; Staveren, W.A. van & Stigt Thans, M.J. van. (LHAVO). (Nutrition in the Netherlands.) Voeding in Nederland. Inventarisatie van onderzoek naar de voedselkonsumptie en nutrientenvoorziening in Nederland, met voorstellen voor de toekomst. Rapporten - LH Vakgroep Humane Voeding no. 76.03, Wageningen, 1976. pp. 138. Refs. 266. Dutch, with English and Dutch summaries.

M 1357 Schaik, T.F.S.M. van. (Voedingsraad, J.C. van Markenlaan 5, Rijswijk, Z.H.). The role of carbohydrates and of sugar in particular, in our diet. Journal of Human Nutrition (1976)30(6) p. 377-380. Refs. 8. English.

M 1358 Schuller, P.L. (RIV); Horwitz, W. & Stoloff, L. Review of aflatoxin methodology. Journal Association of Official Analytical Chemists (1976)59(6) p. 1315-1343. Refs. 129. English.

M 1359 (A study of the levels of risk-factors for heart- and vascular diseases and of the nutritional status of Roermond - Netherlands - schoolchildren and their parents, in the period Jan. - July 1975.) (LHAVO). Onderzoek naar het niveau van risico-factoren voor hart- en vaatziekten en naar de voedingstoestand bij Roermondse schoolkinderen en hun ouders, uitgevoerd gedurende de periode januari - juli 1975. Landbouwhogeschool, Vakgroep Voeding, Wageningen, 1976. pp. 120. Refs. 67. Dutch, with English and Dutch summaries.

M 1360 Tinbergen, J. (EUR) et al. (Food for all, place and role of the EEC.) Voedsel voor allen, plaats en rol van de EEG. Toekomstbeeld der Techniek no. 20, KIVI, The Hague, 1976. pp. 106. Dutch.

M 1361 Tinbergen, B.J. (CIVO) & Olsman, W.J. (Isoelectric focusing as a species identification technique in the inspection of food products.) Isoelektrische Fokusierung als eine Technik zur Speziesidentifizierung in der Lebensmittelüberwachung. Die Fleischwirtschaft (1976)56(10) p. 1455-1498, 1501-1504. German and English, with French summary.

M 1362 Tijskens, L. & Schijvens, E. (SI). (Possibilities and limitations of quality improvement of sterilized - food - products.) Mogelijkheden en beperkingen bij de verbetering van de kwaliteit van gesteriliseerde produkten. Voedingsmiddelentechnologie (1976)9(24) p. 31-33. Refs. 16. Dutch, with English and Dutch summaries.

M 1363 Verkleij, M. (LHAVO). (Report of an exploratory study of attitudes towards obese women during a slimming period.) Rapport van een explorerend onderzoek naar de steun en tegenwerking van de naaste omgeving t.o.v. obese vrouwen tijdens een poging tot gewichtsverlies. Rapporten LH Vakgroep Humane Voeding no. 76-21, Wageningen, 1976. pp. 55. Refs. 25. Dutch, with Dutch summary.

M 1364 Wijn, J.F. de. (CIVO). (Why we eat what we eat?) Waarom eten we wat we eten? Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1061. Zeist, 1976. pp. 17. Refs. 10. Dutch. Repr.: Verslag Provinciale Gezondheidsdag 1975; mogelijkheden en beperkingen voor preventieve gezondheidszorg.

M 1365 Wijn, J.F. de (CIVO) & Pikaar, N.A. (6th orientating study of the nutrition and nutritional status of 8 year old Dutch schoolchildren (1973/1974). Part 2: haemoglobin and serumcholesterol.) Zesde oriënterend onderzoek omtrent de voeding en voedingstoestand van achtjarige schoolkinderen in Nederland (1973/1974). Deel 2: Hemoglobine en serumcholesterol. Voeding (1976)37(3) p. 127-139. Refs. 13. Dutch, with Dutch summary.

PROCESSING, TECHNOLOGY

(Also Nos M 607, 656, 720, 725, 744, 763, 770, 799, 834, 844, 850, 941, 957, 969, 974, 976, 984, 995, 998, 1010, 1014, 1018, 1047, 1056, 1064, 1067, 1068, 1070, 1094, 1098, 1112, 1119, 1130, 1131, 1137, 1190, 1193, 1201, 1202, 1231, 1240, 1255, 1259, 1163, 1265, 1266, 1276, 1278, 1279, 1281, 1282, 1285, 1296, 1300, 1302, 1311, 1343, 1362)

M 1366 Bakkum, A. (IGMB). (What can be done by mixed feed plants to comply the exigences of the - Dutch - public nuisance law.) Wat kunnen mengvoederbedrijven doen om aan de eisen van de hinderwet te voldoen? De Molenaar (1976)79(2) p. 42. Dutch.

M 1367 Belderok, B. (IGMB). The mixograph as auxiliary in selection of wheat on baking value.) De mixograaf als hulpmiddel bij de selectie van tarwe op bakkwaliteit. Zaadbelangen (1977)31(1) p. 20-23. Refs. 5. Dutch.

M 1368 Boxem, T. & Hengeveld, A.G. (PR). (Combined ensilage and intake experiment with brewers' grains, potato peelings and a mixture of these products.) Gecombineerde inkuil- en opnameproef met bostel, patatafval en bostelpatatmix. Rapporten - Proefstation voor de Rundveehouderij no. 43. Lelystad, 1976. pp. 19. Dutch, with English and Dutch summaries.

M 1369 Broek, M.J.M. van den. (RUUFD). (Meat containing animal foods, 1: histological study of tinned foods, 2: legal regulations.) Vleeshoudende diervoeders, 1: histologisch onderzoek van conserven, 2: wettelijke voorschriften. Tijdschrift voor Diergeneeskunde (1976) 101(6) p. 279-284. Refs. 7. Dutch, with English and Dutch summaries.

M 1370 Cate, H.R. ten. (Consulentschap voor Bedrijfsuitrusting en Arbeid in de Tuinbouw, Mansholtlaan 10, Wageningen). (Hydrophore installations for domestic potable water supply.) Hydrofoorinstallaties voor de eigen watervoorziening. Landbouwmechanisatie (1976)27(12) p. 1171-1172. Dutch.

M 1371 Doekes, G.J. & Belderok, B. (IGMB). Kernel hardness and baking quality of wheat - a genetic analysis using chromosome substitution lines. Euphytica (1976)25(3) p. 565-576. Refs. 8. English, with English summary.

M 1372 European Brewery Convention, Rotterdam. Proceedings of the 15th congress of the European Brewery Convention; Nice (France). 1975. Elsevier, Amsterdam, 1975. pp. 850. English. ISBN 0 444 41364 2.

M 1373 Feil, D. (THT); Groeneveld, M.J. & Swaaij, W.P.M. van. (Gasification of agricultural and forestry refuse.) Vergassing van land- en bosbouwafval. De Ingenieur (1976)88(41) p. 892-895. Dutch.

M 1374 Gersons, L. (SI). (A study of apple sauce, 3: the relation between refractometer value and sugar content.) Onderzoek van appelmoes, 3: het verband tussen refractometerwaarde en suikergehalte. Voedingsmiddelentechnologie (1976)9(24) p. 22-23. Dutch, with English and Dutch summaries.

M 1375 Glazer, W. (Provinciale Gelderse Electriciteits-Maatschappij, Arnhem). (The electric installation on the farm.) De electrische installatie op het agrarische bedrijf. Cultuurtechnisch Tijdschrift (1976)16(3) p. 114-122. Dutch.

M 1376 Griffioen, K. (TNO). (Quality assessment of poplar timber for use in the paper and cardboard industry.) Kwaliteitsbeoordeling van populierenhout voor gebruik in de papier- en kartonindustrie. Populier (1976)13(2) p. 27-28. Dutch.

M 1377 Groot, A.P. de. (CIVO). Evaluation of yeast grown on hydrocarbons. Centraal Instituut voor Voedingsonderzoek TNO. Publikatie nr. 1[illegible]24. Zeist, 1976. pp. 12. English. Reprint from: Proceedings of the conference: "Per la sicurezza d'impiego delle proteine da petrolio negli animali in produzion." Pisa, June 1974.

M 1378 Hoenderken, J.A. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Some technical data of wheeled tractors in agriculture.) Enkele technische gegevens van wieltrekkers in de landbouw. Landbouwmechanisatie (1976)27(1) p. 26-39. Dutch.

M 1379 Huizing, J.A. (IMAG). (Alternative energy sources in Dutch agriculture.) Perspectieven voor de toepassing van alternatieve energiebronnen in de landbouw. IMAG-Publikaties no. 72. Wageningen, 1976. pp. 20. Refs. 16. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 1380 (Institute for Cereals, Flour and Bread, Wageningen. Annual Report 1975.) (IGMB). Jaarverslag 1975. IGMB, Wageningen, 1976. pp. 12. Dutch.

M 1381 Klopper, W.J. & Vermeire, H.A. (NIBEM). (The - automatic - recording of foam stability - of beer.) Bepaling van de schuimhoudbaarheid. Voedingsmiddelentechnologie (1977)10(3) p. 7-8. Dutch, with German, English, French and Dutch summaries.

M 1382 Kok, J. (Consulentschap voor de Tuinbouw, Postbus 1011, Aalsmeer). (Watering through reversed osmosis - in horticulture.) Waterbehandeling door omgekeerde osmose. Bedrijfsontwikkeling (1976)7(11) p. 867-868. Dutch, with Dutch summary.

M 1383 Meijndert, J. (Consulentschap voor de Tuinbouw, Zuidweg 38, Naaldwijk). (Fuel sparing by application of retarders.) Brandstofbesparing door toepassing van retarders. Gas (1976)96(9) p. 271-275. Dutch.

M 1384 Meijndert, J. (Consulentschap voor de Tuinbouw, Zuidweg 38, Naaldwijk). (Useful use of latent heat in burning gases.) Nuttig gebruik van latente warmte in rookgassen. Gas (1976)96(9) p. 282-289. Dutch.

M 1385 Nistelrooy, M.G.J. van & Pelt, W.H.J.M. van. (Grenco BV, Dockterskampstraat 2, Den Bosch). (Concentrating beer by the Grenco freeze concentrating system.) Het concentreren van bier d.m.v. het Grenco vriesconcentreersysteem. Voedingsmiddelentechnologie (1976)9(24) p. 34-36. Dutch.

M 1386 Rijsbergen, C.P. van. (Provinciale Noordbrabantsche Electriciteits-Maatschappij, 's-Hertogenbosch). (The supply of electricity to agricultural areas now and in the future.) Electriciteitslevering aan agrarische gebieden nu en in de toekomst. Cultuurtechnisch Tijdschrift (1976)15(5) p. 231-240. Dutch.

M 1387 Schellart, J.A. (Gem. Waterleiding, Amsterdam). (Protein from waste.) Eiwit uit afvalstromen. Magazine Chemisch Weekblad, Bijvoegsel bij Chemisch Weekblad (1976)72(35, 27 aug.) p. 417-419. Refs. 3. Dutch.

M 1388 Schukking, S. (PR). (The history of ensilage.) De geschiedenis van het inkuilen. Stikstof (1976)7(82) p. 313-321. Refs. 20. Dutch.

M 1389 Sluimer, P.; Driessche, A.P. van der & Witte, J.C.M. de. (IGMB). (Some remarks on activated dough development.) Enige opmerkingen over geactiveerde deegontwikkeling. Voedingsmiddelentechnologie (1976)9(44) p. 9-12. Dutch, with Dutch summary.

M 1390 Steinbuch, E. (SI). (Some improved and new vegetable products.) Verbeterde en nieuwe groenteprodukten. Voedingsmiddelentechnologie (1976)9(24) p. 16-19. Dutch, with English and Dutch summaries.

M 1391 Veerkamp, C.H. (IPS). Cooling processes in a refrigerated vehicle. Spelderholt Mededeling 244. Beekbergen, 1975. p. 89-95. Refs. 4. English. Repr.: I.I.F.-I.I.R.-Commission D2 - Wageningen, 1974-2.

M 1392 Waart, J. de; Most, M.M. van der & Knol, W. (CIVO). Production of energy, and non-offensively smelling sludge from liquid pig manure. Centraal Instituut voor Voedingsonderzoek TNO, Publikatie nr. 1064. Zeist, 1976. pp. 1. English. Repr.: Abstracts Fifth International Fermentation Symposium Berlin (1976)(session 18) p. 356.

TOWN AND COUNTRY PLANNING (LANDSCAPE, ARCHITECTURE, RECREATION ETC.)

(Also Nos M 743, 772, 780, 790, 828, 839, 850, 852, 862, 1037, 1042, 1052)

M 1393 Benthem, R.J. (SBB). Landscape planning: things to come. Nederlands Bosbouw Tijdschrift (1976)48(12) p. 248-252. English.

M 1394 Benthem, R.J. (SBB).(Organization of nature protection and of landscape maintenance in Great Britain.) Organisation des Naturschutzes und der Landschaftspflege in Grossbritannien. Schriftenreihe des Deutschen Rates für Landespflege (1976)(26) p. 346-349. Refs. 4. German.

M 1395 Bergsma, J. (Hoofd afdeling Beplantingen,Uden). (The public green structure plan of the municipality Uden - Netherlands.) Het groenstruktuurplan van de gemeente Uden. Groen (1977)33(1) p. 12-20. Dutch.

M 1396 Broekhuis, E. (Gelderse CBTB, Bouriciusstraat 13, Arnhem). (Landscape parks from the viewpoint of the farmer.) Landschapsparken, bezien vanuit het oogpunt van de boer. Landbouwkundig Tijdschrift pt (1977)89(1) p. 27-29. Dutch.

M 1397 Cate-van Elsland, M. ten. (RBL). (Transplanting "big trees".) Het verplanten van "grote bomen". Groen (1976)32(8) p. 233-236. Dutch.

M 1398 Harten, J.D.H. (RUU). (The genesis of the cultivated landscape of "Het Gooi" - Netherlands.) De genese van het Gooise cultuurlandschap. Geografisch Tijdschrift (1976)10(2) p. 93-116. Notes 50. Dutch.

M 1399 Horst, J.T. ter. (SBB). (The Gulp-valley, centre of the future national park - in the province of Limburg.) Het Gulpdal, kern van het toekomstig nationaal landschapspark. Natuurhistorisch Maandblad (1976)65(7/8) p. 113-140. Refs. 13. Dutch.

M 1400 Jaarsma, C.F. & Voet, J.L.M. van der. (LHAC). (Recreational traffic and recreational roads.) Recreatieverkeer & Recreatiewegen Werkgroep Inrichting Recreatie-objekten in de Openlucht. Rapport no. 5, 1976. pp. 148. Refs. p. 130-138. Dutch.

M 1401 Kloet, W.G. van der. (SBB). (From national park to (protected) cultural area.) Van natuurpark tot landschapspark. Plan (1976)7(8) p. 13-19. Dutch.

M 1402 Klumpers, T. (VUA). (Replacement, replacability and replacing time from biological and economical viewpoint.) Vervanging, vervangbaarheid en vervangingsduur vanuit biologisch en economisch oogpunt. Instituut voor Milieuvraagstukken Vrije Universiteit, Amsterdam. Werknota nr. 36. Amsterdam, 1974. pp. 50. Refs. p. 46-50. Dutch.

M 1403 Koning, H.S. de. (CD). ("Recreation and agriculture" - summary of an introduction - Congress recreation and the rural area, location and date unknown.) "Recreatie en landbouw". Recreatie (1976)14(8) p. 181-184. Refs. 5. Dutch.

M 1404 Koopman, J.M. (CD). (Country planning, now and in the future.) Landinrichting, nu en in de toekomst. Cultuurtechnisch Tijdschrift (1976)15(5) p. 225-230. Dutch.

M 1405 Manten, A.A. (Elsevier, J. v. Galenstraat 335, Amsterdam). Fifty years of rural landscape planning in the Netherlands. Landscape planning (1976)2(3) p. 197-217. English, with English summary.

M 1406 Piket, J.J.C. (KUN). (Protected landscape parks and the physical environment.) Landschapsparken en het fysische milieu. Plan (1976)7(8) p. 20-26. Refs. 2. Dutch.

M 1407 Prillevitz, F.C. (CRM). ("Recreation and landscape"-summary of an introduction.) "Recreatie en landschap". Recreatie (1976)14(8) p. 189-197. Dutch.

M 1408 Ramp, P. (Hoofdontwerper Dienst Gemeentewerken, Eindhoven, afd. Plantsoenen). (The - green - outer areas (meant for recreation) of Eindhoven.) Het buitengebied van Eindhoven. Groen (1976)32(8) p. 241-249. Refs. 7. Dutch.

M 1409 Vellekoop, B.A.R. (Adviseurs voor Planologie, Architectuur en Landschap N.V., Oude Delft 205, Delft). ("Landscape and recreation" summary of an introduction.) "Landschap en recreatie". Recreatie (1976)14(8) p. 198-205. Dutch.

M 1410 Vendrik, A.J. (CD). (Planning of riding-tracks.) Planning ruiterpaden. Recreatie Voorzieningen (1976)8(11) p. 493-496. Refs. 9. Dutch.

M 1411 Vroom, M.J. (LHALA). (Landscape planning - a communal effort - a professional activity.) Landschapsplanning - een gemeenschappelijke inspanning - een beroepshalve bezigheid. Groen (1976)32(10) p. 313-317. Refs. 5. Dutch.

M 1412 Wagenvoort, W.A. (LHATPT). (Salt, an enemy of the town parks?) Zout, een vijand van het stedelijk groen? Groen (1976)32(8) p. 250-252. Refs. 3. Dutch.

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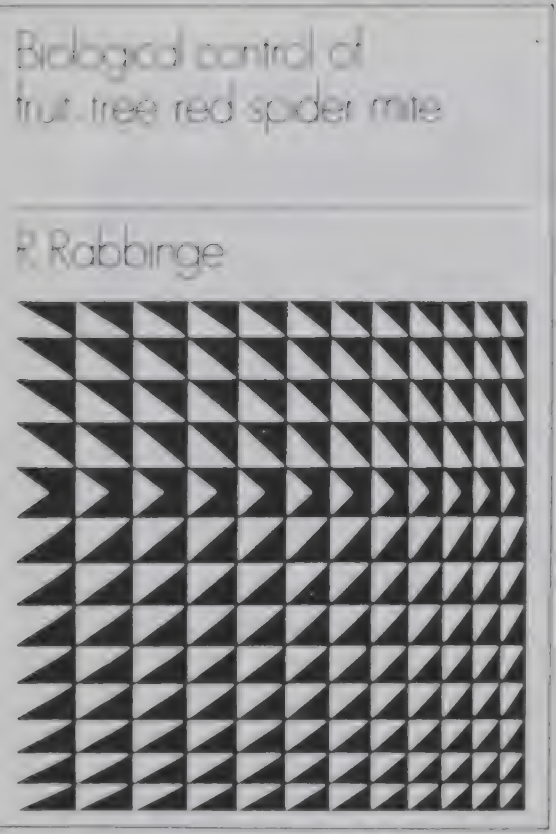

Biological control of fruit-tree red spider mite

R. Rabbinge

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Proceedings of the
Third International
Conference on
Production Disease
in Farm Animals

Wageningen
The Netherlands
September 13-16, 1976

246 pages
57 papers
Author index
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Production Disease in Farm Animals constitutes a growing field of research within agriculture. Most work on this subject, however, is rather scattered in the literature. At the Third International Conference on Production Disease in Farm Animals, convened in Wageningen, the Netherlands in September 1976, another effort was made to present the latest developments in the field for a multidisciplinary audience, and some contributions on poultry were in-pigs, respectively, and some contributions on poultry were included.
Among the topics considered were the nutritional and metabolic base of milk fever, grass tetany, ketosis in ruminants and muscular degeneration and leg weakness in pigs with some emphasis on the hormonal and neuronal aspects involved. Attention was paid to the occurrence and possible cause of the abomasal displacement in cattle. The proceedings of the conference are not only of great interest to research scientists, but also to agriculturists, environmentalists, students of zootechnic and veterinary sciences, farmers and their advisory services and all persons who care for the well-being of production animals under intensive management.

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Interactions between sediments and fresh water

Proceedings of an international symposium
held at Amsterdam, the Netherlands,
September 6-10, 1976

Edited by H.L. Golterman

1977. 473 pages paperbound,
ISBN 90-6193-563-6 (Dr. W. Junk bv)
ISBN 90-220-0632-8 (Pudoc)
Price Dutch Guilders 65,00

This volume, which is the proceedings of a symposium, describes the interactions between fresh water quality and sediments, with some emphasis on pollution problems (e.g. heavy metals and eutrophication). Origin of sediments and rate of sedimentation are extensively treated. Composition – both chemical and mineralogical – of sediments is treated and there are several papers on exchange chemistry of nutrients. In the methodological part new methods are discussed.

The book assembles the increasing knowledge on the many fundamental processes in lakes and impoundments which are controlled to some extent by the sediments. Furthermore the areas of greatest concern and the gaps in our knowledge are identified; The relation between water pollution control and sediments – associated contaminants is treated in several papers.

A joint publication of

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EUPHYTICA

Netherlands Journal of Plant Breeding

Lawickse Allee 166, Wageningen,
The Netherlands.

Vol. 25 (1976) (796 pages) contains 90 articles. Some are:

Genetic analysis of protein content and grain weight of wheat, Repeatability of regression stability indexes for grain yield of oats, Origin of chickpea, Intergenotypic plant competition, Selection for mixed cropping, Identification of trisomics in diploid *Solanum*, Leaf rust resistance in barley, Heteromorphic sex chromosomes in spinach?, Juvenility in roses, Keeping quality in tulips, Evolution of rices, Seed fertility of *Brassicaraphanus*, Completely balanced polycross design, Kernel hardness and baking quality of wheat, Crossing wheat and rye, Breaking SI in *Brassica*, Plasmon types in peanut, Breeding for resistance to coffee berry disease in coffee.

Published three times a year, in annual volumes of about 800 pages.
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The series Agricultural Research Reports (Verslagen van Landbouwkundige Onderzoekingen) is published by Pudoc, but it is used as exchange material by the Library of the Ministry of Agriculture and Fisheries, Bezuidenhoutseweg 73, The Hague. Requests for exchanges for this series should be addressed to the Ministry and not to Pudoc. Pudoc cannot usually exchange ts other publications but is willing to consider any requests on their merits.

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PREFACE

Twentieth anniversary of Pudoc

On 30 October 1977, the Centre for Agricultural Publishing and Documentation is 20 years old. It took the place of the Centre for Agricultural Documentation, which started on 1 April 1951 within the walls of the University Library in Wageningen. Over the years, its work had expanded beyond the original scope.

The new Centre was housed next to the library within the University Hall until 1966. Pudoc, as it had then become known, then moved to temporary accomodation at Duivendaal 6a. In 1972, it moved to larger temporary buildings at Marijkeweg 17.These temporary wooden buildings had both housed two other agricultural research institutes, which have now moved to splendid new accomodation, so that the belief grew up in Pudoc that we would also finish up in such a building in due course. It now looks as though we were right and plans are now advanced for a new building to hold the University Library and Pudoc. Deo volente, the first stone should be laid, late in 1978 or early in 1979.

So we will have moved full circle to a common building. This had many advantages, especially for the Documentation and Information Department, which uses the various collections of the University Library continuously.

Over the years, this link has been maintained by the Current Awareness Service, so far as this is done manually. This section scans the extensive collection of journals and series received by the University; it also provides the contribution of the Netherlands and of the European Community to the international documentation system known as Agris, which is published as the monthly bibliography Agrindex.

In its 20 years, the purpose of Pudoc has remained the same but its working capacity has grown with the introduction of new techniques and equipment: magnetic tapes used in current awareness services and in the preparation of publications; computer terminals for retrospective searching.

The Publishing Department is responsible for the part of Pudoc's work named in Article 3, Section 1a of the constitution:

"assisting agricultural research bodies in editing and publishing their work;
issuing publications;
advising on grants to scientific journals, in which agricultural research bodies publish their findings;
arranging and editing translations;
training agricultural editors."

The main lines of this work are:

- publishing other works on biological and agricultural science
- editing or publishing journals
- advising and assisting agricultural research bodies in the preparation and distribution of their publications
- revising and editing English copy
- services of an Offset Printing Office available to all the agricultural research bodies in Wageningen
- assisting in courses (q.v.) and in associations, committees and groups working for the improvement of scientific publishing.

The Documentation and Information Department is responsible for the part of Pudoc's function names in Article 3, Section 1b of its constitution:

"providing a central literature documentation and information service in agriculture and maintaining contacts with special literature documentation services;
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issuing publications arising from these activities;
giving advice and instruction on literature documentation;
improving and elaborating classification systems for agriculture and developing documentation techniques."

The main lines of this work are:

- the maintaining of systems and collections for entry into the literature
- the editing and publishing of bibliographical journals: the weekly Landbouwdocumentatie (Agricultural Abstracts), the monthly Agricultural Aspects of

he Common Market, the quarterly Pudoc Bulletin
- answering bibliographical enquiries by means of: bibliographies; literature reports or reviews; a current awareness service
- providing advice
- courses (q.v.), lectures and instruction.

Some Pudoc Bulletin Statistics

Pudoc Bulletin started in 1960 and has up to and including 1977 published 28.492 titles of publications on agricultural research in the Netherlands, an average number of ca. 1600 titles a year.
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G. Koster
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4004	-02-23	Tea fungus (Medusomyces gisevii, nomen confusum).(Nl 22, Ger 3, En 2, Indon 2, Russ 1)	30
4005	-02-23	Thawing of large bulks of food, especially meat and fish.(En 90, Ger 29, Jap 11, Russ 11, Fre 10, Nl 7, Cro 2, Hung 2, Pol 2, Cze 1, Esp 1, Ital 1)	167
4006	-03-01	Physico-chemical data on herbicides. (En 6, Ger 2, Nl 1)	9
4007	-03-01	Biocides in water-cooling systems. (En 8, Ger 3, Fre 1)	12
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LANGUAGE ABBREVIATION

(Arab)	Arabic	(Ger)	German	(Nor)	Norwegian
(Bel)	Belorussian	(Gr)	Greek	(Pol)	Polish
(Bulg)	Bulgarian	(Hung)	Hungarian	(Port)	Portugese
(Chin)	Chinese	(Indon)	Indonesian	(Rom)	Romanian
(Cro)	Croatian	(Iran)	Iranian	(Russ)	Russian
(Cze)	Czech	(Ital)	Italian	(S.Afr)	S.African
(Dan)	Danish	(Jap)	Japanese	(S-C)	Serbo-Croat
(En)	English	(Kor)	Korean	(Ser)	Serbian
(Esp)	Spanish	(Lat)	Latin	(Slo)	Slovak
(Est)	Estonian	(Latv)	Latvian	(Slv)	Slovenian
(Finn)	Finnish	(Lit)	Lithuanian	(Swe)	Swedish
(Fre)	French	(Nl)	Dutch, Flemish	(Ukr)	Ukrainian

DUTCH PUBLICATIONS IN AGRICULTURAL SCIENCE

BASIC SCIENCES

Library, documentation, information

(Also No M 2269)

M 1413 Andel, G.M. van (Economische Voorlichtingsdienst, Bezuidenhoutseweg 151, The Hague) & Arendonk, A.P.A.G. Building of users profiles in the economic field. In: International Federation for Documentation (FID). International Congress of Documentation, Buenos Aires, 21 - 24 Sept. 1970. Obtainable from FID, Hofweg 7, The Hague. FID-publ. nr. 472. pp. 19. English and Spanish.

M 1413a Andel, G.M. van & Woensdregt, H.A. (Economische Voorlichtingsdienst, Bezuidenhoutseweg 151, The Hague). (Literature information by the Economic Information Service - EVD - of the Dutch Ministry for Economic Affairs. From a manual system to the data base INFORMECON). Litteratuurinformatie door de Economische Voorlichtingsdienst. Van handsysteem naar data base INFORMECON. Open, vaktijdschrift voor bibliothecarissen, litteratuuronderzoekers, bedrijfsarchivarissen en documentalisten. (1977)9(6) p. 286-298. Refs. 6. Dutch, with English summary.

M 1413b (Library and documentation. Handbook for the education - in library sciences.) (T.P. Loosjes, H. Sleurink, P.H. Berkelaar a.o., editors). (LHABB). Bibliotheek en Documentatie; handboek ten dienste van de opleidingen. Onder redaktie van T.P. Loosjes, H. Sleurink, P.H. Berkelaar e.a., Deventer. Kluwer enz. 1977. Reeks Bibliotheek en Documentatie, no. 1. pp. 421. Refs. Dutch. ISBN 90 311 0012.9.

M 1414 Manten, A.A. (Elsevier Scientific Publishing Company, P.O. Box 330, Amsterdam) & Greenhalgh, J.F.D. Titles of scientific papers. Animal Feed Science and Technology (1977)2(1) p. 1-6. Refs. 3. English.

Social sciences (advice, education, insurance, migration, public relations etc.)

(Also Nos M 1413b, 1422, 1426, 1614, 1618, 1627, 1635, 1656, 1797, 1915, 2069, 2234, 2235, 2273, 2285, 2292)

M 1415 Berkel, T.L. van. (LEI).(Driebruggen - Netherlands. A socio-economic survey of the land consolidation area in the Land van Gouda en Woerden.) Driebruggen. Sociaal-economische verkenning van een ruilverkavelingsgebied in het Land van Gouda en Woerden. Publikaties - LEI no. 2.87, The Hague, 1977. pp. 74. Dutch, with Dutch summary. Price ƒ 12,50.

M 1416 (Bibliography Dutch Sociology 1975.) (RUU). Bibliografie Nederlandse Sociologie 1975. Mededelingen van het Sociologisch Instituut van de Rijksuniversiteit Utrecht nr. 98, Utrecht 1977. pp. 193. Dutch.

M 1417 Koorevaar, P.(LHALBS) & Muggen, G. (An experiment with a self-instructive teaching/learning system.) Een proef met een zelf-instructief onderwijs/leersysteem. Landbouwkundig Tijdschrift (1977)89(2) p. 55-58. Refs. 6. Dutch.

M 1418 Rijk, J. de. (LEI). (Eemland - Socio-economic survey of a land consolidation area in the province of Utrecht - Netherlands.) Eemland - Sociaal-economische verkenning van een ruilverkavelingsgebied in de provincie Utrecht. Publikaties - LEI no. 2.89, The Hague, 1977. pp. 57. Refs. 10. Dutch, with Dutch summary.

M 1419 Spierings, C.J.M. (LEI) & Wolsink, G.H. (The personnel in service with owners and managers (exclusive municipalities) of forests and nature areas.) Het personeelsbestand in dienst bij eigenaren en beheerders (exclusief gemeenten) van bossen en natuurterreinen. Landbouw-Economisch Instituut, Afd. Structuuronderzoek. Publikatie no. 2.85, The Hague, 1976. pp. 73. Refs. 28. Dutch. Price ƒ 12,50.

M 1420 Stikvoort, A.J.M. (SBB). (Work accidents in forestry.) Bedrijfsongevallen in de Bosbouw. De Veiligheid (1977)53(5) p. 211-213. Dutch.

M 1421 Tinbergen, J. (Elsevier, P.O. Box 330, Amsterdam); Dolman, A.J. & Ettinger, J. van. (Reshaping the international order.) Naar een rechtvaardiger internationale orde. Een Rapport aan de Club van Rome (1976). Agon Elsevier, Amsterdam, 1976. pp. 356. Dutch. ISBN 90 10 01728 1.

Economics, trade

(Also Nos M 1413, 1413a, 1415, 1418, 1419, 1442, 1519, 1617, 1619, 1627, 1643, 1645, 1651, 1669, 1737, 1750, 1817, 1841, 1855, 1869, 1926, 1932, 2019, 2053, 2054, 2075, 2078, 2149, 2202, 2232, 2301, 2302)

M 1422 Laar, A.J.M. van de. (Institute of Social Studies, Molenstraat 27, The Hague). The World Bank and the World's Poor. World Development (1976)4(10/11) p. 837-851. English.

M 1423 (Macro-economic survey 1977 - of the Netherlands.) (CPB). Macro-economische verkenning 1977. Centraal Planbureau, The Hague, 1976. pp. 88. Dutch. ISBN 90 12 01313 5.

M 1424 Noort, P. van den. (LHALHT). Rural development and agricultural policy in the EEC. Food Policy (1977)2(2) p. 103-113. English.

M 1425 Schenk, D.G. (MLV). (The problematics of the Monetairy Compensating Amounts - EEC Agr. policy.) De problematiek van de monetaire compenserende bedragen. Economisch Statistische Berichten (1977)62(3100) p. 365-369. Dutch.

M 1426 Schrammeyer, J. (CD). (Technical and social evaluation of a number of re-allocation areas - in the Netherlands.) Technische en sociale evaluatie van een aantal ruilverkavelingen. Cultuurtechnisch Tijdschrift (1977)16(5) p. 177-185. Dutch.

M 1427 Spierings, M. (RIJ). (The economic development in the Southern IJsselmeerpolders - Netherlands.) De economische ontwikkeling in de Zuidelijke IJsselmeerpolders. Flevoberichten no. 128, Rijksdienst voor de IJsselmeerpolders, Lelystad, 1977. pp. 55. Dutch.

M 1428 Timmer, W. (LEI). (The trade of domestic round timber in 1973 - in the Netherlands.) De handel in inlands rondhout in 1973. Nederlands Bosbouw Tijdschrift (1977)49(1) p.27-32.Refs.6. Dutch.

M 1429 Vlieger, J.J. de. (LEI). (The trade structure of slaughtering pigs in 1968 and 1973.) De afzetstructuur van slachtvarkens in 1968 en 1973. Bedrijfsontwikkeling (1977)8(3) p. 247-250. Dutch.

M 1430 Vlieger, J.J. de & Baris, D.B. (LEI). (Marketing structure of fattening pigs from the farm in 1973 - in the Netherlands.) De afzetstructuur van slachtvarkens af-boerderij in 1973. Publikaties - LEI no. 2.86, The Hague, 1976. pp. 94. Dutch, with Dutch summary.

Political science

(Also Nos M 1424, 1425, 1528, 1543, 1610, 1783, 1933, 2205, 2223, 2249, 2280)

M 1431 Berg, H.A. van den. (VD). (Legal measures in behalf of veterinary medicine and public health.) Wettelijke maatregelen ten dienste van de diergeneeskunde en de volksgezondheid. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 211-219. Dutch, with English and Dutch summaries.

M 1432 Vollebregt, L.J. (LB). (Protection of legal rights of farmers and horticulturists in planning procedures.) Bescherming van de rechtspositie van boeren en tuinders in procedures van ruimtelijke ordening en beheersregelingen. De Pacht (1977)37(2) p. 34-64. Dutch.

Atomic sciences

(Also Nos M 1500, 1609, 1728, 1782, 1784, 1848, 1864, 1977, 2012, 2029, 2112, 2244)

M 1433 Zeeuw, D. de. (DLO).Use of nuclear energy to preserve man's food. International Atomic Energy Agency Bulletin (1976)18(supplement) p. 7-12. English.

Mathematics

(Also Nos M 1436, 1438, 1440, 1484, 1486, 1497, 1653, 1715, 1743, 1766, 1817, 1939, 2055, 2110, 2142, 2149, 2225, 2255)

M 1434 Hout, C.M.A. van den (ITC) & Stefanovic, P. Efficient analytical relative orientation. ITC Journal (1976)(2) p. 304-325. Refs. 3. English, with German summary.

M 1435 Molenaar, M. (ITC). Error detection in planimetric block adjustment. ITC Journal (1976)(2) p. 341-356. Refs. 4. English.

Physics, biophysics

(Also Nos M 1451, 1497, 1503, 1551, 1611, 1622, 1628, 1659, 1686, 1696, 1723, 1734, 1759, 1803, 1866, 1885, 1918, 1924, 1930, 1996, 2031, 2032, 2089, 2101, 2172, 2175, 2204, 2212, 2220, 2255, 2263, 2303)

M 1436 Beek, G. van. (SI). (Nomogram for heat production, effective heat production, mass loss velocity - in storage of horticultural produce.) Nomogram voor warmteproduktie, effectieve warmteproduktie, massaverlies-snelheid, koolstofverlies-snelheid en vochtverlies-snelheid. Sprenger Instituut. Rapport no. 1918, project no. 46. Wageningen, 1975. pp. 4. Dutch. (Received 1977).

M 1437 Bintanja, H.H.J. (GUA); Erve, J.J.V.M. van der & Boelhouwer, C. Oxygen transfer in a rotating disc treatment plant. Water Research (1975)9(12) p. 1147-1153. Refs. 6. English.

M 1438 Buishand, T.A. (LHAWK). Stochastic modelling of daily rainfall sequences. Doctoral thesis, Wageningen, 1977. pp. 211. Refs. 92. English, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool Wageningen no. 77-3.

M 1439 Corten, F.L.J.H. (ITC) & Heimes, F.J. The ITC Photnav system. ITC Journal (1976)(2) p. 159-183. Refs. 4. English.

M 1440 Goudriaan, J. (LHATT). Crop micrometeorology: a simulation study. Doctoral thesis, Wageningen, 1977. Pudoc, Wageningen, 1977. pp. 249. Refs. 80. English, with English and Dutch summaries. ISBN 90 220 0614 X.

M 1441 Hiddink, J. (LHAVO); Schenk, J. & Bruin, S. Natural convection heating of liquids in closed containers. Applied Scientific Research (1976)32(3) p. 217-237. Refs. 31. English.

M 1442 Jerie, H.G. (ITC). The establishment of cost models in photogrammetry. ITC Journal (1976)(2) p. 139-158. English.

M 1443 Jerie, H.G.(ITC). Proposal for a modification of line scanners and panoramic cameras for the acquisition of stereo imagery. ITC Journal (1976)(2) p. 357-363. Refs. 4. English.

M 1444 Krommenhoek, W. (Lætteplein 1, De Bilt). (Subjective judging of weather.) Subjektieve beoordeling van het weer. Vakblad voor Biologen (1977)57(10) p. 170-174. Refs. 3. Dutch.

M 1445 Schmidt, F.H. (KNMI). (How stable is our climate?) Hoe constant is ons klimaat? Rede - 59e Dies Natalis - 9 maart 1977. Wageningen, 1976. pp. 18. Refs. 9. Dutch.

M 1446 Zondervan, J.G. (LHAHL) & Dommerholt, A. (Conversion of precipitation into sewer input with some pavements.) Omvorming van neerslag tot rioolinvoer bij enkele typen verhardingen. Wageningen. Laboratorium voor Hydraulica en Afvoerhydrologie. Nota No. 38, Wageningen, 1976. pp. 24. Refs. 5. Dutch.

M 1447 Zorn, H.C. (ITC). The development of analogue instruments. ITC Journal (1976)(2) p. 326-331. English.

Chemistry, biochemistry

(Also Nos M 1437, 1464, 1468, 1469, 1476, 1490, 1495, 1499, 1510, 1518, 1551, 1564, 1565, 1568, 1578, 1589, 1590, 1597, 1601, 1611, 1629, 1631, 1632, 1648, 1685, 1691, 1703, 1711, 1716, 1719, 1722, 1725, 1732, 1807, 1811, 1812, 1815, 1821, 1829, 1830, 1831, 1838, 1849, 1870, 1880, 1903, 1910, 1924 1977, 1984, 2017, 2025, 2073, 2079, 2085, 2123, 2151, 2154, 2176, 2178, 2183, 2184, 2185, 2188, 2192, 2193, 2194, 2196, 2206, 2207, 2209, 2211, 2218, 2219, 2220, 2226, 2227, 2245, 2247, 2255, 2308)

M 1448 Bergen, J. van (Cehave NV, Veghel) & Bosch, G. van den. (Analysis of proteins with sodiumdodecyl-acrylamidevlakgel-electroforesis (so-called S.D.S.-method).) Analyse van eiwitten met natriumdodecyl-acrylamidevlakgel-elektroforese (zgn. S.D.S.-methode). De Ware(n)-Chemicus (1976)6(6) p. 193-203. Refs. 11. Dutch.

M 1449 Boelens, H. (Res. Dep. Naarden International N.V., Huizerstraatweg 28, Naarden) & Takken, H.J. (Odorous and taste substances: attention for natural aromas and essential oils.) Reuk- en smaakstoffen: aandacht voor natuurlijke aroma's en etherische oliën. Chemisch Weekblad (1977)(4) p. 13-14. Refs. 6. Dutch.

M 1450 Dop, H. van (KNMI); Guicherit, R. & Lanting, R.W. Some measurements of the vertical distribution of ozone in the atmospheric boundary layer. Atmospheric Environment (1977)11(1) p. 65-71. Refs. 20. English.

Geology, meteorology

(Also Nos M 1438, 1444, 1445, 1446, 1450, 1496, 1529 t/m 1539, 1627, 1693, 1694, 1717, 1885, 1925)

M 1451 Emmink, F. (KNMI). (Working methods and possibilities of the Central Weather Service of the Royal Netherlands Meteorological Institute.) Werkwijze en mogelijkheden van de Centrale Weerdienst van het KNMI. Bedrijfsontwikkeling (1977)8(2) p. 113-115. Dutch.

M 1452 Ente, P.J. (RIJ). The geology of the Northern part of Flevoland in relation to the human occupation in the Atlantic time. Rijksdienst voor de IJsselmeerpolders; overdruk no. 110. Lelystad, 1976. pp. 21. Refs. pp. 2. English. Repr. Helinium (1976)16. p. 15-35.

M 1453 Oudshoorn, H.M. (Unie van Waterschappen, Statenplein 1, Den Haag). (Technical aspects of water management.) De technische aspecten van de waterhuishouding. Waterschapsbelangen (1977)(10) p. 198-203. Dutch.

Biology

(Also Nos M 1444, 1529 t/m 1539, 1541, 1553, 1555, 1588, 1628, 1633, 1634, 1704, 1919, 1976, 1995, 2020, 2090, 2173, 2177, 2182, 2187, 2190, 2199, 2201, 2208, 2210, 2211, 2219, 2221, 2225, 2226, 2241, 2242, 2243, 2244, 2248, 2250, 2251, 2253)

M 1454 Egeraat, A.W.S.M. van. (LHAM). Growth requirements of Rhizobium leguminosarum strain PRE. Plant and Soil (1977)47(3) p. 701-704. Refs. 7. English, with English summary.

M 1455 Erdtsieck, B. (IPS) & Beumer, R. The T.D.T.-pouch- a new method for the determination of the heat-resistance of micro-organisms. Beekbergen, Spelderholt Mededeling 268 (1976) pp. 3. Refs. 4. English. Repr.: LWT Report (1976) 9(3) p. 185-187. (LWT = Lebensmittel Wissenschaft und Technologie).

M 1456 Geus, J.G. de. (LBNS). (Biological nitrogen fixation.) De biologische stikstofbinding. Natuur en Techniek (1977)45(3) p. 196-209. Refs. 11. Dutch.

M 1457 Haaker, H.B.C.M. (LHABC). Aerobic nitrogen fixation in Azobacter vinelandii. Doctoral thesis, Wageningen, 1976. pp. 96. Refs. English, with English and Dutch summaries.

M 1458 Jong, M.H. de (KUN) et al. The effect of amino acids on the motile behaviour of Bacillus subtilis. Archives of Microbiology (1977)113 (1/2) p. 153-158. Refs. p. 158. English.

M 1459 Klomp, H. (RIN). (On the relation between diversity and stability in ecosystems.) Over de relatie tussen diversiteit en stabiliteit in ecosystemen. Vakblad voor Biologen (1977)57(4) p. 50-56. Refs. p. 56. Dutch.

M 1460 Krul, J.M. (LHAM). Experiments with Haliscomenobacter hydrossis in continuous culture without and with Zoogloea ramigera. Water Research (1977)11(2) p. 197-204. Refs. 18. English.

M 1461 Michels, M.J.M. (URL) & Visser, F.M.W. Occurrence and Thermoresistance of Spores of psychrophilic and psychrotrophic aerobic sporeformers in soil and foods. The Journal of Applied Bacteriology (1976)41(1) p. 1-11. Refs. 19. English.

M 1462 Mossel, D.A.A. (RUUFD). Microbiological quality assurance of water in relation to food hygiene. Lebensmittelhygiene (1977)28(1) p. 1-2. Refs. 16. English.

M 1463 (Netherlands Institute for Sea Research, Texel. Annual Report 1975.) (NIOZ). Nederlands Instituut voor Onderzoek der Zee. Jaarverslag 1975. Texel, 1976. pp. 69. Dutch. Published as Verslagen - Nederlands Inst. voor Onderzoek der Zee no. 1976-1.

M 1464 Planqué, K. (RUL) & Kijne, J.W. Binding of pea lectins to a glycan type polysaccharide in the cell walls of Rhizobium leguminosarum. FEBS letters (1977)73(1) p. 64-66. Refs. 18. English.

M 1465 Schothorst, M. van (RIV); Leusden, F.M. van; Jeunink, J. & Dreu, J. de. Studies on the multiplication of Salmonella in various enrichment media at different incubation temperatures. The Journal of Applied Bacteriology (1977)42(2) p. 157-163. Refs. 13. English.

M 1466 Sybenga, J. (LHAEL). (Genetics, its identity crisis and its sequels.) De genetica, haar identiteitscrisis en de gevolgen daarvan. Vakblad voor Biologen (1976)56(17) p. 272-277. Refs. 8. Dutch.

M 1467 Zonneveld, I.S. (ITC). (Ecosystems. Evaluation of country and landscape.) Ecosystemen - Het inventariseren en waarderen van land en landschap. Natuur en Techniek (1977)45(4) p. 248-267. Refs. 8. Dutch.

Botany

(Also Nos M 1547, 1621, 1624, 1626, 1637, 1646, 1692, 1703, 1740, 1787, 1794, 1799, 1802, 1808, 1811, 1816, 1820, 1824, 1825, 1831, 1833, 1837, 1838, 1839, 1842, 1844, 1848, 1859, 1861, 1870, 1876, 1878, 1890, 1892, 1893, 1894, 1902, 1906, 1907, 1908, 1909, 1914, 1916, 1942, 1969, 1982, 1986, 1991, 1994, 1996, 1998, 2002, 2006, 2018, 2025, 2041, 2042, 2051, 2057, 2058, 2062, 2068, 2080, 2082, 2085, 2313)

M 1468 Amesz, J. (RUL). Photosynthesis, biophysical aspects. In: Progress in Botany. Springer-Verslag, Berlin, 1975. Vol. 37. p.107-120.Refs.p.116-120. English. ISBN 3 540 07504 - 6.

M 1469 Best, E.P.H. (Limnologisch Instituut, Nieuwersluis) et al. A preliminary study of the internal gas composition of Lemna gibba L. Acta Botanica Neerlandica (1977)26(2) p. 109-113. Refs. 14. English.

M 1470 Blom, C.W.P.M. (Institute of Ecological Research, Biological Station Weever's Duin, Duinzoom 20a, Oostvoorne). Effects of trampling and soil compaction on the occurrence of some Plantago species in coastal sand dunes. I. Soil compaction, soil moisture and seedling emergence. Oecologia Plantarum (1976)11(3) p. 225-241. Refs. 35. English. French summary.

M 1471 Bruinsma, J. (LHAPO). (Role of cytokinins in flower and fruit development.) Rolle der Cytokinine bei Blüten- und Früchteentwicklung. Zeitschrift für Pflanzenernährung und Bodenkunde (1977)140(1) p. 15-23. Refs. 38. German, with English summary.

M 1472 Fontaine, F.J. (LHALA). (Heracleum mantegazzianum - an allergenic plant.) Heracleum mantegazzianum. Groen (1975)31(12) p. 369-371. Dutch.

M 1473 Gams, W. (CBSC) & Hooghiemstra, H. Mortierella turficola Ling Yong. Persoonia (1976)9(1) p. 141-144. Refs. 8. English.

M 1474 Gils, H. van (KUN) & Kovács, A.J. Geranion sanguinei communities in trans. Vegetatio (1977)33(2 & 3) p. 175-186. Refs. 70. English.

M 1475 Gradstein, S.R. (RUU) & Smittenberg, J.H. The hydrophilous vegetation of western Crete. Vegetatio (1977)34(2) p. 65-86. Refs. p. 86. English.

M 1476 Hallegraeff, G.M. (GUA). Pigment diversity in freshwater phytoplankton. II. Summer-succession in three Dutch lakes with different trophic characteristics. Internationale Revue der gesamten Hydrobiologie (1977)62(1) p. 19-39. Refs. 32. English.

M 1477 Hartog, C. den. (KUN). (Aquatic ecology and water plants. Thoughts on structure and dynamics of aquatic plant canopies.) Aquatische oecologie en waterplanten. Gedachten over structuur en dynamiek van waterplantenbegroeiingen. Rede - Katholieke Universiteit, Nijmegen, 1976. pp. 18. Refs. 37. Dutch.

M 1478 Hoek, L. van. (KUN). Settling of Equisetum telmateia Ehrh. by means of gametophyte culture. Acta Botanica Neerlandica (1977)26(1) p. 83-87. Refs. 3. English.

M 1479 Jülich, W. (RUL). On Corticium udicola Bourd. Persoonia (1976) 9(1) p. 151-154. Refs. 4. English.

M 1480 Jülich, W. (RUL) & Jülich, U. A contribution towards a revision of the genus Tulasnella. Persoonia (1976)9(1) p. 49-64. Refs. 5. English.

M 1481 Kamsteeg, J. (RUU); Brederode, J. van & Nigtevecht, G. van. Pleiotropic effect of a pelargonidin-hydroxylation gene in Silene dioica? Phytochemistry (1976)15(12) p. 1917-1918. Refs. 21. English.

M 1482 Kliphuis, E. (RUU) & Barkoudah, Y.I. Chromosome numbers in some Syrian Angiosperms. Acta Botanica Neerlandica (1977)26(3) p. 239-249. Refs. 24. English.

M 1483 Knol, H.J. (RUL) & Touw, A. (Notes on the Dutch species of Eurhynchium.) Opmerkingen over de Nederlandse soorten van Eurhynchium. Lindbergia (1976)3(3-4) p. 303-315. Refs. 26. Dutch, with English summary.

M 1484 Kortekaas, W.M. (KUN); Maarel, E. van der & Beeftink, W.G. A numerical classification of European Spartina communities. Vegetatio (1976)33(1) p. 51-60. Refs. 15. English, with German summary.

M 1485 Laan, H.F. van der. (Rembrandtlaan 33, Arnhem). Schizopora phellinoides in the Netherlands. Persoonia (1976)9(1) p. 155-156. Refs. 3. English.

M 1486 Londo, G.(RIN). The decimal scale for releves of permanent quadrats. Vegetatio (1976)33(1) p. 61-64. Refs. 11. English, with German summary.

M 1487 Maarel, E. van der. (KUN). On the establishment of plant community boundaries. Berichte der Deutschen Botanischen Gesellschaft (1976)89(2/3) p. 415-443. Refs. p. 438-443. English, with German summary.

M 1488 Masselink, A.K. (Biologisch Centrum, Afd. Plantensystematiek, Haren (Gr.)); (RUG) & Zanten, B.O. van. (The Bryophyte flora of the Drenthian granitic boulders I. The paleolithic graves.) De bryofyten-flora van de Drentse hunebedden en zwerfkeien I. De hunebeddenflora. Lindbergia (1976)3(3-4) p. 323-331. Refs. 14. Dutch, with English summary.

M 1489 Merkus, E. (RUL). Ultrastructure of the ascospore wall in Pezizales (Ascomycetes). IV. Morchellaceae, Helvellaceae, Rhizinaceae, Thelebolaceae and Sarcoscyphaceae. General discussion. Persoonia (1976)9(1) p. 1-38. Refs. 30. English.

M 1490 Novozamsky, I. & Houba, V.J.G. (LHALBS). Determination of free ammonium in plant tissue. Netherlands Journal of Agricultural Science (1977)25(1) p. 26-31. Refs. 7. English, with English summary.

M 1491 Nijs, J.C.M. den. (GUA). Biosystematic studies of the Rumex acetosella-complex. II. The Alpine region. Acta Botanica Neerlandica (1976)25(6) p. 417-447. Refs. 45. English.

M 1492 Outer, R.W. den. (LHAPK). The secondary phloem of some Combretaceae and the systematic position of Strephonema pseudocola A. Chev. Acta Botanica Neerlandica (1976)25(6) p. 481-493. Refs. 22. English.

M 1493 Pieterse, A.H. (KIT) & Müller, L.J. Induction of flowering in Lemna gibba G3 under short-day conditions. Plant and Cell Physiology (1977)18(1) p. 45-53. Refs. 31. English.

M 1494 Plaats-Niterink, A.J. van der (CBSC) et al. Some Oomycetes and Zygomycetes with asexual echinulate reproductive structures. Persoonia (1976)9(1) p. 85-93. Refs. 18. English.

M 1495 Rombach, J. (LHAPO). Effects of light and phytochrome in heterotrophic growth of Lemna minor L. Thesis Wageningen, 1976. pp. 115. Refs. p. 107-114. English, with Dutch summary. Also: Mededelingen Landbouwhogeschool no. 76-1.

M 1496 Sanders, A.P.M. (RUU). (Symphytum bulbosum, a plant with history.) Symphytum bulbosum, een plant waar historie aan vast zit. Groen (1975)31(12) pp. 372-373. Dutch.

M 1497 Sinclair, T.R.; Goudriaan, J. (LHATT) & Wit, C.T. de. Mesophyll resistance and CO_2 compensation concentration in leaf photosynthesis models. Photosynthetica (1977)11(1) p. 56-65. Refs. 22. English.

M 1498 Soest, J.L. van. (Van Soutelandelaan 35, Den Haag). (Some new species of Taraxacum of France, II.) Quelques espèces nouvelles de Taraxacum, de France. II. Acta Botanica Neerlandica (1977) 26(2) p. 141-158. Latin and French, with English summary.

M 1499 Terpstra, W. (RUU). Chlorophyllase and lamellar structure in Phaeodactylum tricornutum. III. Situation of chlorophyllase in pigmented membranes. Zeitschrift für Pflanzenphysiologie (1976)80(2) p. 177-188. Refs. 31. English.

M 1500 Valk, P. van der (RUG) & Wessels, J.G.H. Light and electron microscopic autoradiography of cell-wall regeneration by Schizophyllum commune protoplasts. Acta Botanica Neerlandica (1977)26(1) p. 43-52. Refs. 22. English.

M 1501 Veer, J. van der (RUG) & Leewis, R.J. Pavlova ennorea sp. nov., a haptophycean alga with a dominant palmelloid phase, from England. Acta Botanica Neerlandica (1977)26(2) p. 159-176. Refs. 19. English.

M 1502 Vogelpoel, D.A.J. (Biologisch Centrum, afdeling Plantensystematiek, Haren (Gr.)); (RUG). (The genus Zygodon Hook & Tayl in the Netherlands.) Het geslacht Zygodon Hook. & Tayl. in Nederland. Lindbergia (1976)3(3-4) p. 332-335. Refs. 10. Dutch, with English summary.

M 1503 Vredenberg, W.J. (CABO). Electrical interactions and gradients between chloroplast compartments and cytoplasm. The Intact Chloroplast (1976) p. 53-88. Refs. 98. English.

M 1504 Wassink, E.C. & Noort, M.E. van den. (LHAPO). Note on leaf area index in a solitary plant. Mededelingen Landbouwhogeschool Wageningen no. 76-13, Wageningen, 1976. pp. 8. Refs. 5. English, with English summary.

M 1505 Wit, H.C.D. de. (LHAPS). Typification of Leucaena leucocephala (Lam.) De Wit, Lysiloma latisiliquum (L.) Bth., and Acacia glauca (L.) Moench. Belmontia, New Series (1976) Vol. 5; Repr. TAXON (1975)24(2/3) p. 349-352. English.

Zoology

(Also Nos M 1525, 1638, 1782, 1786, 1787, 1796, 1873, 1904, 1947, 1953, 1970, 1987, 1992, 2100, 2108, 2127, 2141, 2147, 2311)

M 1506 Assem, J. van den. (RUL). Male courtship behaviour, female receptivity signal and size differences between the sexes in Pteromalinae (Hym., Chalcidoidea, Pteromalidae) and comparative notes on other chalcidoids. Netherlands Journal of Zoology (1976)26(4) p. 535-548. Refs. 13. English.

M 1507 Assem, J. van den (RUL) & Feuth-De Bruijn, E. Second matings and their effect on the sex ratio of the offspring in Nasonia vitripennis (Hymenoptera: Pteromalidae). Entomologia Experimentalis et Applicata (1977)21(1) p. 23-28. Refs. 5. English, with German summary.

M 1508 Beintema, A.J. (RIN). (Meadow birds in a changing country - the Netherlands.) Weidevogels in een veranderend land. Natuur en Landschap (1975) v.29(3) p. 73-84. Refs, 20. Dutch.

M 1509 Bosma, A.A. (RUUFD). Chromosomal polymorphism and G-banding patterns in the wild boar (Sus scrofa L.) from the Netherlands. Genetica (1976)46(4) p. 391-399. Refs. 13. English.

M 1510 Canton, J.H. (RIV) et al. Toxicity, accumulation and elimination studies of α-hexachlorocyclohexane (α-HCH) with freshwater organisms of different trophic levels. Water Research (1975)9(12) p. 1163-1169. Refs. 22. English.

M 1511 Ellis, W.N. (GUA). Autumn fauna of Collembola from Central Crete. Tijdschrift voor Entomologie (1976)119(8) p. 221-326. Refs. p. 322-325. English.

M 1512 Helsdingen, P.J. van (RUL); Thaler, K. & Deltshev, C. The tenuis group of Lepthyphantes Menge (Araneae, Linyphiidae). Tijdschrift voor Entomologie (1977)120(1) p. 1-54. Refs. p. 50-54. English.

M 1513 Hoogerkamp, M. (CABO). (The way of life and control of the mole.) De leefwijze en de bestrijding van de mol. Landbouwmechanisatie (1977)28(2) p. 193-194. Refs. 11. Dutch.

M 1514 Jong, G. de. (RUU). A model of competition for food. I. Frequency dependent viabilities. The American Naturalist (1976)110(976). p. 1013-1027. Refs. 21. English.

M 1515 Kuchlein, J.H. (LHAD). (Faunistic notitions on two Pyraustinae (Lepidoptera, Pyralidae).) Faunistische notities over twee Pyraustinae (Lepidoptera, Pyralidae). Entomologische Berichten (1977)36(4) p. 49-51. Refs. 9. Dutch.

M 1516 Meijer, J. (VUA). The immigration of spiders (Araneida) into a new polder. Ecological Entomology (1977)2(1) p. 81-90. Refs. 19. English.

M 1517 Naaktgeboren, C. (GUA). (Privé-adres: 1e Helmersstr. 104, A'dam) & Bontekoe, E.H.M. (Comparative-obstetrical views and experimental investigations concerning psychosomatic disorders during pregnancy and parturition.) Vergleichend-geburtskundliche Betrachtungen und experimentelle Untersuchungen über psychosomatische Störungen der Schwangerschaft und des Geburtsablaufes. Zeitschrift für Tierzüchtung und Züchtungsbiologie (1976)93(3-4) p. 264-320. Refs. p. 315-320. German, with English summary.

M 1518 Oosterhuis, S. (RUG) et al. Reinvestigation of the primary structures of red deer and roe deer pancreatic ribonuclease and proline sites in mammalian ribonucleases. Biochimica et Biophysica Acta (P) Protein Structure (1977)490(2) p. 523-529. Refs. 30. English.

M 1519 Roos, Th. de. (LHANB). (Fauna and traffic.) Fauna en verkeer. Recreatievoorzieningen (1977)9(2) p. 71-75. Refs. 13. Dutch, with English summary.

M 1520 Timmerman, A. (RIN); Mörzer Bruyns, M.F. & Philippona, J. Survey of the winter distribution of palaearctic geese in Europe, western Asia and North Africa. Limosa (1976)49(4) p. 230-292. Refs. p. 254-280. English, with Dutch summary.

M 1521 Turin, H. (IOO); Haeck, J. & Hengeveld, R. Atlas of the carabid beetles of The Netherlands. Koninklijke Nederlandse Akademie van Wetenschappen, Verhandelingen Afdeling Natuurkunde, Tweede Reeks, deel 68 (1977) pp. 228. Refs. p. 7, 9, 11, 22-24. English. ISBN 0 7204 8326 3.

M 1522 Vecht, J. van der. (Burgemeester Vermeerlaan 4, Putten (Gld.)). Studies of Oriental Stenogastrinae (Hymenoptera Vespoidea). Tijdschrift voor Entomologie (1977)120(2) p. 55-75. Refs. 31. English.

M 1523 Weijand, B. (IPS). (A metabolism study of grasses and chicken feed in white-fronted geese (Anser albifrons).) Een verteringsonderzoek van grassen en hanenvoer bij wilde kolganzen (Anser albifrons). Instituut voor Pluimveeonderzoek "Het Spelderholt", Beekbergen, 1976. pp. 60. Refs. 17. Dutch.

APPLIED SCIENCES

PUBLIC HEALTH, ENVIRONMENTAL POLLUTION, NATURE CONSERVATION

(Also M 1419, 1420, 1431, 1450, 1459, 1465, 1470, 1472, 1567, 1571, 1605, 1608, 1622, 1643, 1671, 1683, 1684, 1699, 1710, 1714, 1726, 1732, 1748, 1753, 1757, 1849, 1880, 1896, 1897, 1905, 1915, 2073, 2129, 2130, 2156, 2176, 2179, 2180, 2186, 2191, 2196, 2198, 2205, 2225, 2227, 2231, 2239, 2240, 2249, 2253, 2254, 2255, 2258, 2261, 2274, 2283, 2287, 2305)

M 1524 Beckers, H.J. (RIV). (Course foodstuffs hygiene (55). 11. The task of the laboratory. 11.1. The task of the laboratory in government survey.) Leergang voedingsmiddelenhygiëne (55). 11. De taak van het laboratorium. 11.1. De taak van het laboratorium bij het overheidstoezicht. Voedingsmiddelentechnologie (1977)10(4) p. 16-20. Dutch.

M 1525 Bund, C.F. van de. (PD). (Practical hints for bird protection.) Praktische wenken voor de vogelbescherming. Bedrijfsontwikkeling (1977)8(5) p. 397-400. Refs. 5. Dutch.

M 1526 Colenbrander, H.J. (LHAC). (Water, a costly and indispensable good.) Water, een kostbaar en onontbeerlijk goed. TNO Project (1977)5(1) p. 4-7. Refs. 7. Dutch.

M 1527 Deelder, C. (TNO). (The "Deepwell Naarden 1700 ft."). De "Deepwell Naarden 500 m". De Ingenieur (1977)89(2) p. 44-53. Dutch.

M 1528 Gilhuis, P.C. (KUN). (The - Dutch - draft law: General regulations environmental hygiene.) Het ontwerp van wet: Algemene bepalingen milieuhygiëne. Waterschapsbelangen (1977)(10) p. 204-213. Dutch.

M 1529 Interaction between sediments and fresh water. Proceedings of an international symposium held at Amsterdam, the Netherlands, September 6-10, 1976. (Editor: H.L. Golterman). The symposium was organized with cooperation and support from the Societas Internationalis Limnologiae and from Unesco's program "Man and the Biosphere" and "The International Hydrological Decade". Co-production of: Dr. W. Junk B.V., Publisher, The Hague, 1977. ISBN 90 06193 563 6 and Centre for Agricultural publishing and documentation (PUDOC), Wageningen, 1977. ISBN 90 220 0632 8.

Selected papers:

- M 1530 Schuiling, R.D. (Vening Meinesz Laboratory, Dept. of Geochemistry, RUU). Source and composition of lake sediments. p. 12-18. Refs. 6. Graphs. Diagrams. English.
- M 1531 Terwindt, J.H.J. (RW, Deltadienst, Middelburg), (Dept. of Physical Geography, RUU). Deposition, transportation and erosion of mud. p. 19-24. Refs. 8. Graphs. English, with **English summary.**
- M 1532 Carmouze, J.P., Golterman, H.L. (Limnologisch Instituut, Nieuwersluis, The Netherlands) & Pedro, G. The neoformations of sediments in Lake Chad, their influence on the salinity control. p. 33-39. Refs. 11. Tables. Figs. English, with English summary.

M 1533 Groot, A.J. de. (IB). Heavy metals in the Dutch delta. p. 104-107. Refs. 13. Figs. English, with English summary.

M 1534 Leeuw, J.W. de (THD) et al. The relationship between lipids from *Fontinalis antipyretica*, its detritus and the underlying sediment: the fate of waxesters and sterolesters. p. 141-147. Refs. 14. Tables. Figs. English, with English summary.

M 1535 Velden, W. van der & Schwartz, A.W. (KUN). Changes in the purine and pyrimidine concentrations and organic carbon contents in lake sediments. p. 165. Refs. 3. Only English summary.

M 1536 Golterman, H.L. (Limnologisch Instituut, Nieuwersluis). Sediments as a source of phosphate for algal growth. p. 286-293. Refs. 10. Tables. Figs. English, with English summary.

M 1537 Lijklema, L. (THT). The role of iron in the exchange of phosphate between water and sediments. p. 313-317. Ref. 1. Figs. 7.

M 1538 Kappers, F.I. (RIDV). Presence of blue-green algae in sediments of Lake Brielle. p. 382-386. Refs. 3. Table. Figs. English, with English summary.

M 1539 Golterman, H.L. (Limnologisch Instituut, Nieuwersluis), Viner, A.B. & Lee, G.F. Preface. p. 1-9.

M 1540 Jelgersma, S. (RGD). (Subsurface disposal - of sewage - on moderate deepness. Previous history.) Ondergrondse lozing op matige diepte. Voorgeschiedenis. De Ingenieur (1977)89(2) p. 41-43. Dutch.

M 1541 Littel, A. (VUA). (An investigation on trampling in a dune valley - effects on mesofauna and vegetation.) Betredingsonderzoek in een duinvallei. Serie B: Biologische aspecten no. 5; I.v.M.-V.U. publikatie nr. 45. Amsterdam, 1974. pp. 97. Refs. 26. Dutch. English summary. (Received in 1976)

M 1542 Odink, J.H. (Gounodstraat 35, Zevenaar). (Asbestos and its sequels for health.) Asbest en zijn gevolgen voor de gezondheid. Verslagen, Rapporten, Scripties en Nota's van de Landbouwhogeschool, Vakgroep Gezondheidsleer, No. 14. Wageningen, 1976. pp. 38. Refs. 73. Dutch.

M 1543 Oosterman, J. (Adviseur milieuzaken van de Vereniging van de Nederlandse Chemische Industrie, Javastraat 2, Den Haag; privé-adres: Jan Vermeerstraat 17, Arnhem). (Our environment, a child surrounded with care takers or a problem child?) Ons milieu, een kind omringd door zorgenden of een zorgenkind? Vakblad voor Biologen (1977)57(1) p. 2-8. Refs. 52. Dutch.

M 1544 Pasveer, A. (GHO) & Heide, B.A. (On the inhibition of the development of bubble sludge in lowest-loaded active sludge process (Oxidation ditch.)(Über die Verhinderung der Entwicklung von Blähschlamm in niedrigstbelasteten Belebtschlammverfahren (Oxidationsgraben). Abwasseruntersuchung, Abwasserbewertung und Abwasserabgabegesetz; Münchener Beiträge zur Abwasser-, Fischerei- und Flussbiologie (1977) Band 27. p. 233-244. Refs. 2. German.

M 1545 (Report on the activities of the Agricultural Advisory Commission for Environmental Critical Substances.) (MLV). Verslag over de werkzaamheden van de Landbouwadviescommissie Milieukritische Stoffen in 1973. Ministerie van Landbouw en Visserij - L.A.C., The Hague, 1975. pp. 13, Bijlagen A t/m G. Dutch.

M 1546 Ruiter, M.A. de. (GHO). (Evaluation of the water quality. Water is more than H_2O.) Het beoordelen van de waterkwaliteit. Water is meer dan H_2O. TNO Project (1977)5(1) p. 26-30. Refs. 3. Dutch.

M 1547 Smithuis, L.O.M.J. (Sint Lambertusziekenhuis, Helmond) & Spijkers, J.B.F. (Allergic reactions in man caused by airborne pollens.) De pollenkorrel als verwekker van pollinosis. Pharmaceutisch Weekblad (1977)112(22) p. 525-540. Refs. p. 539-540. Dutch, with English summary.

M 1548 Stork, B. (TNO) & Gemert, L.J. van.(2.3. Sensorical measurements in relation to stench nuisance in the environment.) 2.3. Sensorische metingen in verband met stankhinder in het milieu. CIVO-Publikatie Nr. 1101, Zeist. Repr.: pt-p (1977)32(2) p. 82-86. Refs. 7. Dutch.

M 1549 Terwindt, J.H.J. (RW). (Environmental research in the - Dutch - Delta area.) Milieu-onderzoek in het Deltagebied. Natuur en Techniek (1977)45(3) p. 146-165. Dutch.

M 1550 Tesink, J. (Stichting Gezondheidsdienst voor Dieren in Zeeland, Evertsenstraat 11, Goes). (Certain features of environmental pollution.) Enkele aspecten inzake milieuverontreiniging. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 205-210. Dutch, with English and Dutch summaries.

M 1551 Wegman, R.C.C. (RIV) & Greve, P.A. The microcoulometric determination of extractable organic halogen in surface water; application to surface waters of the Netherlands. The Science of the Total Environment (1977)7(3) p. 235-245. Refs. 13. English.

M 1552 Wijn, J.F. de. (CIVO). (Obesity problems and its meaning.) Adipositas-problemen en de betekenis. CIVO-Publikatie Nr. 1099, Zeist, 1977. pp. 6. Dutch.

M 1553 Zonneveld, I.S. (ITC). Stability and dynamics of ecosystems. Werkgemeenschap Landschapsecologisch Onderzoek Mededelingen (1977)4(1) p. 16-28. Refs. 12. English.

VETERINARY SCIENCE

(Also Nos M 1431, 1465, 1519, 1870, 1988, 2114, 2128, 2129, 2134, 2143, 2146, 2155, 2159, 2205, 2255)

M 1554 Akkermans, J.P.W.M. (CDIR). (The role of polyfactorial diseases in livestock husbandry in the Netherlands today and in the future.) De betekenis van factorenziekten voor de nutsdierhouderij in Nederland nu en in de toekomst. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 188-202. Dutch, with English and Dutch summaries.

M 1555 Bentvelzen, P. (TNO). (The future of virology. The end of an exciting era in sight?) De toekomst van de virologie. Het einde van een opwindend tijdperk in zicht? De Gids (1977)140(1) p. 36-41. Dutch.

M 1556 Bercovich, Z. & Oosterwoud, R.A. (CDIR). Vaccination with Bordetella bronchiseptica vaccine on a farm with atrophic rhinitis: an evaluation of a field experiment. Tijdschrift voor Diergeneeskunde (1977)102(8). p. 485-494. Refs. 27. English, with English and Dutch summaries.

M 1557 Bercovich, Z. & Jong, M.F. de. (CDIR).(Measures to be adopted in the prevention and treatment of atrophic rhinitis in piglets under field conditions.) Enkele profylactische en therapeutische maatregelen tegen atrofische rhinitis bij de big onder praktijkomstandigheden. Tijdschrift voor Diergeneeskunde (1977)102(7) p. 448-455. Refs. 12. English, with English and Dutch summaries.

M 1558 Boender, J. (RUU). The effect of chelators, calcium and magnesium on the ouabain sensitivity of boar spermatozoa. Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen - Series C: Biological and Medical Sciences (1977)80(1) p. 35-47. Refs. 21. English, with English summary.

M 1559 Boer, G.F. de. (CDIL). (Methods for the control of avian tumour virus diseases.) Over bestrijding van aviaire tumorvirusziekten. Tijdschrift voor Diergeneeskunde (1977)102(4) p. 239-246. Refs. 26. Dutch, with English and Dutch summaries.

M 1560 Borst, G.H.A. & Lieshout, C.G. van. (CDIR). Phenylmercuric acetate intoxication in mink. Tijdschrift voor Diergeneeskunde (1977)102(8) p. 495-503. Refs. 34. English, with English and Dutch summaries.

M 1561 Breukink, H.J. (RUUFD). (Aetiology and pathogenesis of abomasal displacement - in cows.) Etiologie en pathogenese van de lebmaagdislocatie. Tijdschrift voor Diergeneeskunde (1977)102(10) p. 611-618. Dutch, with Dutch and English summaries.

M 1562 Breukink, H.J. (RUUFD) & Ruyter, T. de. Abomasal displacement in cattle: influence of concentrates in the ration on fatty acid concentrations in ruminal abomasal, and duodenal contents. American Journal of Veterinary Research of The American Veterinary Medical Association (1976)37(10) p. 1181-1184. Refs. 27. English.

M 1563 Breukink, H.J. & Ruyter, T. de. (RUUFD). (Displacement of the bovine abomasum: effect of the diet on the composition of the rumen fluid and that of the contents of the abomasum and duodenum.) Lebmaagdislocaties bij het rund: de invloed van het rantsoen op de samenstelling van de pensvloeistof, lebmaag- en duodenuminhoud. Tijdschrift voor Diergeneeskunde (1977)102(9) p. 554-566. Refs. 27. Dutch, with English and Dutch summaries.

M 1564 Buizer, F.G. (Rijkslandbouwproefstation, Maastricht) & Severijnen, M. Determination of dimetridazole in feedstuffs and pre-mixes by high-speed liquid chromatography. The Analyst (1975)100(1197) p. 854-856. Refs. 5. English.

M 1565 Chap, H.J. (RUU); Zwaal, R.F.A. & Deenen, L.L.M. van. Action of highly purified phospholipases on blood platelets. Evidence for an asymmetric distribution of phospholipids in the surface membrane. Biochimica et Biophysica Acta (M) (1977)467(2) **p. 146-164. Refs. 52. English.**

M 1566 Dijk, W. van; Maier, H. & Eijnden, D.H. van den. (VUA). Properties and subcellular localization of CMP-N-acetylneuraminic acid hydrolase of calf kidney. Biochimica et Biophysica Acta - General subjects (1976)444(3) p. 816-834. Refs. 43. English, with **English summary.**

M 1567 Edel, W.; Schothorst, M. van; Leusden, F.M. van & Kampelmacher, E.H. (RIV). (Epidemiological studies on Salmonella in a particular area ("Walcheren Project"), 3: The incidence of Salmonella in man, insects, gulls as well as foods, scrapings from butcher's blocks, effluents of sewage treatment plants and drains from butcher's shops.) Epidemiologisch Salmonella-onderzoek in een bepaald gebied ("Project Walcheren"), 3: Het voorkomen van Salmonella bij mens, insecten, meeuwen en in levensmiddelen, hakblokafkrabsels, effluenten van rioolwaterzuiveringsinstallaties en rioolafvoeren van slagerijen. Tijdschrift voor Diergeneeskunde (1977)102(6) p. 365-376. Refs. 7. Dutch, with English and Dutch **summaries.**

M 1568 Evenberg, A. et al. (RUU). Isolation and properties of prophospholipase A_2 and phospholipase A_2 from horse pancreas and horse pancreatic juice. Biochimica et Biophysica Acta (P) (1977)491(1) **p. 265-274. Refs. 30. English.**

M 1569 Haagsma, J. (CDIR) et al. (Botulism in cattle in a loose housing following the use of litter from a broiler farm.) Botulismus bij runderen in een ligboxenstal veroorzaakt door strooisel van een slachtkuikenbedrijf. Tijdschrift voor Diergeneeskunde (1977)102(5) p. 330-332. Refs. 6. Dutch, with English summary.

M 1570 Haagsma, J. & Laak, E.A. ter. (CDIR). (Contribution to the aetiology and epidemiology of botulism in broiler chickens.) Bijdrage tot de etiologie en de epidemiologie van botulismus bij slachtkuikens. Tijdschrift voor Diergeneeskunde (1977)102(7) p. 429-436. Refs. 13. Dutch, with English and Dutch summaries.

M 1571 Haagsma, J. (CDIR) & Laak, E.A. ter. (Notices to the occurrence of botulism - birds (wild and domesticated) - in the Netherlands in 1976.) Kanttekeningen bij het optreden van botulismus in Nederland in 1976. Het Vogeljaar (1977)25(2) p. 74-78. Refs. 2. Dutch.

M 1572 Haalstra, R.T. & Malestein, A. (RUUFD).(Nutrition of dairy calves in late pregnancy during the housing period and its relationship to health and milk yields.) De voeding van melkvee rond het afkalven tijdens de stalperiode in verband met de gezondheid en de melkproduktie. Tijdschrift voor Diergeneeskunde (1977)102(4) p. 254-265. Dutch, with English and Dutch summaries.

M 1573 Herweijer, C.H. & Jonge, W.K. de. (Gezondheidsdienst voor Dieren in Noord-Holland, Alkmaar). (Aujesky's disease in goats.) De ziekte van Aujesky bij de geit. Tijdschrift voor Diergeneeskunde (1977)102(7) p. 425-428. Refs. 14. Dutch, with English and Dutch **summaries.**

M 1574 Hoebe, H.P. (Dierenarts Bentelo, Grondhuttenweg 2A).(Diaphragm Myopathia in M.R.IJ. Cattle.) Middenrif-myopathie bij M.R.IJ.-runderen. Tijdschrift voor Diergeneeskunde (1975)22(100) p. 1207-1208. Dutch, with English summary.

M 1575 Ingh, T.S.G.A.M. van den (RUUFD) et al. Clinico-pathological and pathomorphological observations in Trypanosoma vivax infection in cattle. Veterinary Parasitology (1976)2(3) p. 237-250. Refs. 27. English, with English summary.

M 1576 Janssen, W.M.M.A. (IPS). Research on gizzard erosion - in poultry. Rapporten Instituut voor Pluimveeonderzoek no. 120.76, Beekbergen, 1976. pp. 5. English, with English summary.

M 1577 Jong, M.F. de. (CDIR). (Treatment with oxytetracycline hydrochloride in the prevention of atrophic rhinitis in baby pigs.) Behandeling van de jonge big met oxytetracycline-HCl ter preventie van atrofische rhinitis. Tijdschrift voor Diergeneeskunde (1977) 102(4) p. 266-273. Refs. 16. Dutch, with English and Dutch summaries.

M 1578 Kamp, H.H. (RUUFD) et al. Specificity of the phosphatidylcholine exchange protein from bovine liver. Biochemistry (1977)16(7) p. 1310-1316. Refs. 50. English.

M 1579 Kemp, A.; Geurink, J.H. (CABO); Haalstra, R.T. & Malestein, A. Nitrate poisoning in cattle, 2: Changes in nitrite in rumen fluid and methemoglobin formation in blood after high nitrate intake. Netherlands Journal of Agricultural Science (1977)25(1) p. 51-62. Refs. 13. English, with English summary.

M 1580 Kouwenhoven, B. (SGP) & Kuil, H. Demonstration of circulating antibodies to Eimeria tenella by the indirect immunofluorescent antibody test using sporozoites and second-stage schizonts as antigen. Veterinary Parasitology (1976)2(3) p. 283-292. Refs. 17. English, with English summary.

M 1581 Kruif, A. de. (RUUFD). (A program for fertility improvement in cattle herds.) Ein Programm für die Fruchtbarkeitsförderung in Rinderbeständen. Der Tierzüchter (1977)29(5) p. 200-202. German.

M 1582 Kuil, H. & Dankert-Brands, S. (RUUFD). The effect of medication with metichlorpindol and methylbenzoquate on the development op antibodies as measured by the indirect fluorescent antibody (IFA) test against Eimeria tenella and Eimeria maxima. Veterinary Parasitology (1976)2(3) p. 293-298. Refs. 5. English, with English summary.

M 1583 Leeuw, P.W. de; Nieuwstadt, A.P.K.M.I. van; Balken, J.A.M. & Ellens, D.J. (CDIL). Rotavirus infections in calves, 2: Experimental infections with a Dutch isolate. Tijdschrift voor Diergeneeskunde (1977)102(8) p. 515-524. Refs. 9. English, with English and Dutch summaries.

M 1584 Meloen, R.H. (CDIL). Localization on Foot-and-Mouth disease virus (FMDV) of an antigenic deficiency induced by passage in BHK cells. Archives of Virology (1976)51(4) p. 299-306. Refs. 16. English.

M 1585 Merkens, H.W. (RUUFD). (Radical surgery (amputation) or conservative treatment (drainage) in cases of septic pedal arthritis and navicular bursitis in cattle.) Amputatie van de aangetaste klauw of drainage van het klauwgewricht bij een septische podarthritis. Tijdschrift voor Diergeneeskunde (1977)102(5) p. 326-329. Refs. 9. Dutch, with English and Dutch summaries.

M 1586 Meijering, A. (IPS). (Fatty liver disease in laying hens.) Vette leverziekte bij leghennen. Pluimveehouderij (1977)7(22) p. 12-15. Dutch.

M 1587 Misdorp, W. (Netherlands Cancer Institute, Antoni van Leeuwenhoekziekenhuis, Amsterdam). Histologic classification and further characterization of tumors in domestic animals. Advances in Veterinary Science and Comparative Medicine (1976)20: p. 191-221. Refs. 40. English.

M 1588 Mossel, D.A.A. (RUUFD). (Involvement of veterinary medicine in, and its reponsibility for, the microbiological safety of foods of animal origin.) Veterinair-hygiënische betrokkenheid bij, en verantwoordelijkheid voor, de medisch-microbiologische deugdelijkheid van voedingsmiddelen van dierlijke oorsprong. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 147-156. Refs. 70. Dutch, with English and Dutch summaries.

M 1589 Mousset, T.H. (IVH). (Determination of activity of the enzyme Glycerokinase in fat tissue of pigs.) Bepaling van de activiteit van het enzym Glycerokinase (ATP: Glycerolfosfotransferase EC. 2.7.1.30) in vetweefsel van varkens. Rapporten - Instituut voor Veevoedingsonderzoek "Hoorn" no. 101. Hoorn, 1977. pp. 13. Refs. 14. Dutch, with Dutch summary.

M 1590 Mulder, I. (RUUFD); Vries-Akkerman, E.A. de & Bergh, S.G. van den. Conversion of acetoacetyl-coenzyme into a acetoacetate in subcellular liver preparations: shifts in enzyme activities in liver cell fractions of ketotic rats and cows. The International Journal of Biochemistry (1977)8(3) p. 237-241. Refs. 26. English.

M 1591 Mulder, R.W.A.W.; Dorresteijn, L.W.J. & Broek, J. van der. (IPS). (Cross-infection during scalding and plucking of broiler chickens.) Kruisbesmetting tijdens het broeien en plukken van slachtkuikens. Tijdschrift voor Diergeneeskunde (1977)102(10) p. 619-629. Refs. 13. Dutch, with English and Dutch summaries.

M 1592 Narucka, U. (Vleeskeuringsdienst "Kring Oss", Oss) & Westendorp, J.F. (Studies for the presence of Yersinia enterocolitica and Yersinia pseudotuberculosis in clinically normal pigs.) Een onderzoek naar het voorkomen van Yersinia enterocolitica en Yersinia pseudotuberculosis bij klinisch normale varkens. Tijdschrift voor Diergeneeskunde (1977)102(5) p. 299-303. Refs. 14. Dutch, with English and Dutch summaries.

M 1593 Notermans, S. (LHALMT); Hindle, V. & Kampelmacher, E.H. Comparison of cotton swab versus alginate swab sampling method in the bacteriological examination of broiler chickens. The Journal of Hygiene (1976)77(2) p. 205-210. Refs. 14. English.

M 1594 Oldenkamp, E.P. (Gist-Brocades NV, Delft) & Spanoghe, L. Natamycin-s treatment of ringworm in cattle. Epidemiological aspects. Tijdschrift voor Diergeneeskunde (1977)102(2) p. 124-125. Refs. 3. English.

M 1595 Oostrom, C.G. van (KUN) & Limborgh, J. van. The influence of propanediol-1,3 on the development of the legs, wings and lower beak of the chick embryo. Acta Morphologica Neerlando-Scandinavica (1976)14(4) p. 319-329. Refs. 21. English, with English summary.

M 1596 Os, J.L. van; Oldenkamp, E.P. & Elzinga, B.K. (Gist-Brocades, Delft). (The use of a dry cow preparation for the prevention of summer mastitis in maiden heifers.) Preventie van zomermastitis (wrang) bij pinken door toediening van een droogzetpreparaat. Tijdschrift voor Diergeneeskunde (1977)102(11) p. 665-669. Refs. 13. Dutch, with English and Dutch summaries.

M 1597 Ouderaa, F.J. van der; Buytenhek, M.; Nugteren, D.H. & Dorp, D.A. van. (URL). Purification and characterization of prostaglandin endoperoxide synthetase from sheep vesicular glands. Biochimica et Biophysica - Lipids and lipid metabolism (1977)487(2) p. 315-331. Refs. 42. English, with English summary.

M 1598 Over, H.J. (CDIL) et al. (Field experience of the molluscicide "Frescon" in the control of fascioliasis.) Praktijkervaringen met het molluscicide "Frescon" voor de bestrijding van leverbotinfecties. Tijdschrift voor Diergeneeskunde (1977)102(5) p. 304-317. Refs. 14. Dutch, with English and Dutch summaries.

M 1599 Remmen, J.W.A. (Gezondheidsdienst voor Dieren in Noord-Brabant, Molenwijkseweg 48, Boxtel). (A study of possibilities to reduce perinatal death in cattle.) Een onderzoek naar mogelijkheden om perinatale sterfte bij het rund te beperken. Landbouwkundig Tijdschrift (1977)89(4) p. 102-109. Refs. 7. Dutch, with Dutch summary.

M 1600 Rozemond, H. (CDIR). (Neonatal E. coli enterotoxicosis in pig and calf induced by a K99 strain.) Neonatale E.coli-enterotoxicose bij big en kalf geïnduceerd door een K99-stam. Tijdschrift voor Diergeneeskunde (1977)102(6) p. 383-385. Refs. 8. Dutch, with English summary.

M 1601 Schalekamp, M.; Goor, D. van; Slingerland, R. (EUR) & Noort, W.L. van. Recombination of embryonic haemoglobin chains during the development of the chick. Cell Differentiation (1976)5(4) p. 263-273. Refs. 15. English, with English summary.

M 1602 Schothorst, M. van (RIV) et al. Studies on the estimation of the hygienic condition of frozen broiler chickens. The Journal of Hygiene (1976)76(1) p. 57-63. Refs. 13. English.

M 1603 Schuijt, G. (RUUFD). (Assisted delivery of the calf by manual or mechanical traction.) De beëindiging van de geboorte bij het rund door middel van menselijke en mechanische trekkracht. Tijdschrift voor Diergeneeskunde (1977)102(11)p. 677-689. Refs. 18. Dutch, with English and Dutch summaries.

M 1604 Spoelstra, S.F. (LHAM). Simple phenols and indoles in anaerobically stored piggery wastes. Journal of the Science of Food and Agriculture (1977)28(5) p. 415-423. Refs. 16. English.

M 1605 Swaay, H. van. (Intervet Nederland BV, Boxmeer). (The veterinarian acting in behalf of poultry production and public health.) De dierenarts ten dienste van pluimveeproduktie en volksgezondheid. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 179-187. Dutch, with English and Dutch summaries.

M 1606 Swierstra, D. & Smits, A.C. (IMAG). (Facilities for the dairy herd health practice.) Voorzieningen voor de gezondheidszorg van rundvee in ligboxenstallen. Landbouwmechanisatie (1977)28(2) p. 127-130. Dutch, with English summary.

M 1607 Terpstra, K. (IPS). (Calculated values for the metabolizable energy of a number of samples of destruction fats.) Berekende waarden voor de omzetbare energie van een aantal monsters destructievetten. Rapporten Instituut voor Pluimveeonderzoek no. 128.76, Beekbergen, 1976. pp. 6. Dutch.

M 1608 Vermeulen, C.J. (IV). (Supervision in Veterinary Health.) Surveillance in de Veterinaire Volksgezondheid. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 173-178. Dutch, with English summary.

M 1609 Visser, T.J. (EUR); Docter, R. & Hennemann, G. Radioimmunoassay of reverse Tri-iodothyronine. The Journal of Endocrinology (1977)73(2) p. 395-396. Refs. 10. English.

M 1610 Wagenaar Hummelinck, M.G. (SBB). (Wellbeing of agricultural animals.) Het welzijn van landbouwhuisdieren. Bedrijfsontwikkeling (1977)8(5) p. 410-414. Dutch.

M 1611 Wagenvoord, R.J.; Kraan, I. van der & Kemp, A. (GUA). Specific phot labelling of beef-heart mitochondrial ATPase by 8-Azido-ATP. Biochimica et Biophysica Acta - Bioenergetics (1977)460(1) p. 17-24. Refs. 18. English, with English summary.

M 1612 Welschen, R. (EUR) et al. Effects of an inhibin-like factor present in bovine and porcine follicular fluid on gonadotrophin levels in ovariectomized rats. Journal of Reproduction & Fertility (1977)50(1) p. 129-131. Refs. 11. English.

M 1613 Yadin, H.; Roozelaar, D.J. & Hoekstra, J. (Centraal Diergeneeskundig Instituut, Doorn). (Studies on hepatitis vaccines in geese.) Onderzoek naar vaccins tegen ganzehepatitis. Tijdschrift voor Diergeneeskunde (1977)102(5) p. 318-325. Refs. 10. Dutch, with English and Dutch summaries.

GENERAL AGRICULTURE

(Also Nos M 1635, 1643, 1789, 2069, 2255, 2261, 2276, 2277)

M 1614 (Agricultural University. Annual Report 1975/1976.) Landbouwhogeschool. Jaarverslag 1975/1976. Landbouwhogeschool, Wageningen. 1977. pp. 174. Dutch. Price ƒ 7,50.

M 1615 (Agriculture in the province of Overijssel - Netherlands. Balance 1975 - perspective 1980.) (Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Overijssel, Veemarkt 21-22, Zwolle). De landbouw in Overijssel. Balans 1975 - Perspektief 1980. Provinciale Raad voor de Bedrijfsontwikkeling in de Landbouw in Overijssel, Zwolle, 1976. pp. 102. Dutch, with Dutch summary.

M 1616 Coolman, F. & Vries, R.L. de. (IMAG). Some facts about the Dutch agriculture and its mechanization. IMAG, Wageningen, 1976. pp. 16. English.

M 1617 (Estimation of the development of the net added value of agriculture and horticulture (agrarian income) in 1976.) (MLV). Raming ontwikkeling netto-toegevoegde waarde van de land- en tuinbouw (agrarisch inkomen) in 1976. Bedrijfsontwikkeling (1977)8(1) p. 21-23. Dutch.

M 1618 Klooster, .H.J. van 't. (Stichting Maatsch. Plaats Wageningse Afgestudeerden, Postbus 79, Wageningen). (The Wageningen Engineer in function.) De Wageningse ingenieur in functie. Stichting Maatschappelijke Plaats Wageningse Afgestudeerden. Nederlands Instituut van Landbouwkundig Ingenieurs, Wageningen, 1976. pp. 43. Refs. 9. Dutch.

M 1619 Nooij, A.T.J. (LHAS). (Agriculture, landscape and economic growth.) Landbouw, landschap en economische groei. Landbouwkundig Tijdschrift (1977)89(2) p. 42-47. Dutch.

M 1620 (Statistics on agriculture 1975 - Netherlands.) (CBS). Statistiek van de land- en tuinbouw 1975. Staatsuitgeverij, The Hague, 1976. pp. 115. Dutch. Tables. Price ƒ 20,--.

TROPICAL SCIENCES (ALL SUBJECTS)

(Also Nos M 1765, 1869)

M 1621 Arends, J.C. (LHAPS). Somatic chromosome numbers of some African Sapotaceae. Acta Botanica Neerlandica (1976)25(6) p. 449-457. Refs. 17. English.

M 1622 Bastiaanse, J.C. & Brockhof, H.S.T. (Instituut voor Wegtransportmiddelen TNO, Delft). (The coconut - a natural crash-helmet - structure of the shell, imitation for construction of crash-helmets.) De kokosnoot - een natuurlijke valhelm. Plastica (1977)30(3) p. 78-80. Dutch, with English summary.

M 1623 Breman, H. (CABO). (Fishing in the Sahel.) Vissen in de Sahel. Natuur en Techniek (1977)45(2) p. 90-103. Dutch.

M 1624 Breteler, F.J. (LHAPS). America's Pacific species of Rhizophora. Acta Botanica Neerlandica (1977)26(3) p. 225-230. Refs. 9. English.

M 1625 Brinkman, R. (LHABK). Surface-water gley soils in Bangladesh: genesis. Geoderma (1977)17(2) p. 111-144. Refs. 33. English, with English summary.

M 1626 Brummelen, J. van. (RUL). A new genus of Pezizales from Thailand - in dung. Kew Bulletin (1977)31(3) p. 617-620. Refs. 8. English.

M 1627 Burger, D.H. (Koninklijk Instituut voor Taal-, Land- en Volkenkunde, Leiden); (LHAAG). (Sociological-economic history of Indonesia - including agriculture. Part I. Indonesia before the 20th century. Part II. Indonesia in the 20th century.) Sociologisch-economische Geschiedenis van Indonesia - deel I-II. Indonesia voor de 20e eeuw; Indonesia in de 20e eeuw. Landbouwhogeschool, Afdeling Agrarische Geschiedenis. Wageningen, 1975. pp. 167, resp. 276. Refs. p. 151-153 & 251-259. Dutch.

M 1628 Cornelius, P. (Pers en Publiciteit, BV, Burgemeester Roëllstraat 70, Amsterdam). (An ecological combination method for agriculture and forestry in tropical areas with arid periods. 1.). Een ecologische combinatiemethode voor land- en bosbouw in tropische gebieden met droogteperioden. 1. Bèta (1977)13(4) p. 9. Refs. 3. Dutch.

M 1629 Dirven, J.M.C. (LHABK); Schuylenborgh, J. van & Breemen, N. van. Weathering of serpentinite in Matanzas Province, Cuba: Mass transfer calculations and irreversible reaction pathways. Soil Science Society of America Journal (1976)40(6) p. 901-907. Refs. 27. English.

M 1630 El Baradi, T.A. (KIT). Pulses. 2. Chickpeas. Abstracts on Tropical Agriculture (1977)3(3) p. 9-18. Refs. 88. English.

M 1631 Folstar, P. (LHAVO) et al. Tocopherols in the unsaponifiable matter of coffee bean oil. Journal of Agricultural and Food Chemistry (1977)25(2) p. 283-285. Refs. 21. English.

M 1632 Groeneveld, H.W. (RUU). Biosynthesis of latex triterpenes in Euphorbia: Evidence for a dual synthesis. Acta Botanica Neerlandica (1976)25(6) p. 459-473. Refs. 22. English.

M 1633 Heide, J. van der; Leentvaar, P. & Meyer, J. (RUU). Brokopondo Research Report. Part II. Hydrobiology of the man-made Brokopondo Lake, Surinam. Uitgaven "Natuurwetenschappelijke Studiekring voor Suriname en de Nederlandse Antillen" No. 90, Utrecht, 1976. pp. 95 + app. Refs. p. 88-95. English. Price ƒ 48,--.

M 1634 Jacobs, M. (RUL). (Tropical rainforest and man). Het tropisch regenbos en de mens. Natura (1976)73(1) p. 2-19. Dutch.

M 1635 Kalshoven, G. (LHASN). (Agricultural extension in Surinam: communication patterns and their organizational structure.) Patronen van communicatie en hun organisatorisch verband bij de landbouwvoorlichting in Suriname. Doctoral thesis, Wageningen, 1977. pp. 181. Refs. 165. Dutch, with English summary. ISBN 90 220 0625 5. Obtainable from Pudoc as Verslagen van Landbouwkundige Onderzoekingen no. 864.

M 1636 Klomp, A.O. (Deutsche Shell Chemie Gesellschaft, Frankfurt am Main); (LHAF). Early senescence of rice and Drechslera oryzae in the Wageningen Polder, Surinam. Doctoral thesis, Wageningen, 1977. pp. 97. Refs. 64. English, with English and Dutch summaries. ISBN 90 220 0621 2. Obtainable from Pudoc as Agricultural Research Reports no. 859.

M 1637 Koster, J.Th. (RUL).The Compositae of New Guinea. V. - including many Lactuca sp. Blumea (1976)23(1) p. 169-175. Refs. 4. English.

M 1638 Krikken, J. (RUL). Notes on African Onitini, mainly from South-eastern Kenya (Coleoptera:Scarabaeidae). Zoölogische Mededelingen (1977)51(9) p. 141-170. Refs. p. 169-170. English.

M 1639 Lavrijsen, J.&Sterkenburg, J.J. (RUU). The food supply of Lilongwe, Malawi. Rijksuniversiteit, Geografisch Instituut, Utrechtse Geografische Studies no. 3, Utrecht, 1976. pp. 69. Refs. 33. English, with English summary. ISBN 90 6266 004 5.

M 1640 Mansvelt-Beck, J. & Sterkenburg, J.J. (RUU). The fishing industry in Cape Coast, Ghana. A socio-economic analysis of fishing and fish marketing in a medium-size African town. Rijksuniversiteit, Geografisch Instituut, Utrechtse Geografische Studies no. 1, Utrecht, 1976. pp. 60. Refs. 26. English, with English summary.

M 1641 Oomen, H.A.P.C. (KIT). (Nutritional requirements on Papua lines.) Voedselbehoeften naar Papoea model. Voeding (1977)38(2) p. 42-48. Refs. 5. Dutch.

M 1642 Pieterse, A.H. (KIT). (The control of tropical water weeds - including temperate areas.) De bestrijding van tropische wateronkruiden. Natuur en Techniek (1977)45(1) p. 50-64. Refs. 6. Dutch.

M 1643 Reij, C. (VUA). (An introduction into the problems of environment and rural development in the Third World.) Een inleiding in de problematiek van milieu en rurale ontwikkeling in de derde wereld. Geografisch Tijdschrift (1977)11(1) p. 30-46. Refs. 80. Dutch, with English summary.

M 1644 Sharma, R.D. & Loof, P.A.A. (LHAN). Nematodes of the cocoa region of Bahia, Brazil. III-Plant parasitic and free-living nematodes in the rhizopheres of six different plant species. Revista Theobroma (1974)4(1) p. 39-43. Refs. 5. English.

M 1645 (Surinam.)(KIT). Suriname. Landendocumentatie Koninklijk Instituut voor de Tropen. Amsterdam, 1975. pp. 59. Refs. with each article. Dutch.

M 1646 Touw, A. (RUL). A taxonomic revision of Thuidium, Pelekium, and Rauiella (Musci: Thuidiaceae) in Africa South of the Sahara. Lindbergia (1976)3(3-4) p. 135-195. Refs. p. 191-194. English.

M 1647 Verhaar, G. (KIT). (Natural rubber a primary matter of world-wide importance.) Natuurrubber een grondstof van wereldwijde betekenis. Natuur en Techniek (1977)45(5) p. 344-359. Refs. 13. Dutch.

M 1648 Verpoorte, R. (RUL) & Svendsen, A.B. The alkaloids of Strychnos dolichothyrsa. Lloydia - The Journal of Natural Products (1976)39 (5) p. 357-362. Refs. 29. English.

M 1649 Vos, R.H. de. (CIVO). Residues of thiabendazole in citrus fruit. CIVO-Publikatie Nr. 1106. Zeist. Repr.: In: O. Carpena (Ed.). I. Congreso Mundial de Citricultura 1973. Murcia-Valencia, 29 abril-10 marzo 1973. p. 569-573. Refs. 7. English.

M 1650 Vries, C.A. de. (KIT). Employment for millions of smallfarmers in the tropics: Sericulture, bee-keeping and mushroom growing. Department of Agricultural Research of the Royal Tropical Institute, Amsterdam - Bulletin 299, 1976. pp. 56. Refs. 321. English.

RURAL HISTORY

(Also Nos M 1452, 1627, 1647, 1665, 1666, 1746, 1755, 1872, 1877, 1891, 2086, 2197, 2296, 2297)

M 1651 Boer, IJ. de. (Cebeco - Handelsraad, Rotterdam). (Farmer and market - in the Netherlands. Development of Dutch agriculture 1949 - 1974.) Boer en markt. Cebeco - Handelsraad, Rotterdam, 1976. pp. 494. Dutch.

M 1652 Hadders, A. (LHALT). (History of mechanization in the USA. From Civil War unto Crisis (1861-1890). 2.). Historie van de mechanisatie in de VS. Van Burgeroorlog tot crisis (1861-1890).(2.) Landbouwmechanisatie (1977)28(3) p. 299-301. Dutch.

FARM MANAGEMENT

(Also Nos M 1680, 1688, 1737, 1814, 1817, 1855, 1905, 1912, 1926, 1928, 1932, 1941, 1948, 2007, 2014, 2024, 2044, 2052, 2053, 2055, 2075, 2084, 2105, 2107, 2130, 2149, 2155, 2157, 2169)

M 1653 Achten, J. (IMAG). (Management problems and the IMAG-data-service. 2.). Management-problemen en IMAG dataservice. Vakblad voor de Bloemisterij (1976)31(5) p. 30-31. Dutch.

M 1654 (Classification of farms in the Netherlands (1963/66 - 1970 - 1975/76).) (MLV). Indeling van de bedrijven naar bedrijfsgrootte, naar areaalgrotte van de gewassen en naar het aantal dieren per bedrijf (periode 1963/66 - 1970 - 1975/76). Ministerie van Landbouw en Visserij, The Hague, 1977. pp. 35. Tables. Dutch.

M 1655 Draisma, M. & Ploeg, J. van der. (LEI). (Combining farms for arable farming. Organization and results of some combined farms.) Combinatievorming in de akkerbouw. Organisatie en resultaten van samenwerkende akkerbouwbedrijven. Publikaties - LEI no. 3.66, The Hague, 1976. pp. 171. Dutch, with Dutch summary. Price ƒ 25,--.

M 1656 Weerdenburg, L.J.M. (LHAS). (The farmer as a trustee - management of landscape parks.) De boer als beheerder. Waterschapsbelangen (1977)62(4) p. 73-78. Dutch.

BUILDINGS, MACHINES, IMPLEMENTS

(Also Nos M 1569, 1603, 1606, 1652, 1681, 1689, 1750, 1751, 1756, 1763, 1795, 1798, 1819, 1832, 1835, 1840, 1845, 1858, 1896, 1897, 1911, 1928, 1929, 1939, 1963, 1975, 1999, 2001, 2009, 2013, 2081, 2101, 2111, 2132, 2135, 2136, 2150, 2162, 2163, 2164, 2217, 2222, 2259, 2268, 2278, 2296, 2297)

M 1657 (Agricultural University, Department of Agricultural Engineering. Report on the period 1 september 1974 - 15 august 1976.) (LHALT). Vakgroep Landbouwtechniek. Verslag over de periode 1 september 1974 - 15 augustus 1976. LH - Landbouwtechniek, Wageningen, 1977. pp. 53. Dutch.

M 1658 Bosma, A.H. (IMAG) et al. (Implements and procedure of land application of liquid manure.) Geräte und Verfahren bei der Landanwendung von Flüssigmist. Landbauforschung Völkenrode (1976)26(2) p. 107-116. Refs. 8. German, with English summary.

M 1659 Brandsma, C. (IMAG). (Aircurrent patterns in and around buildings.) Luchtstromingspatroon in en rond gebouwen. Landbouwmechanisatie (1977)28(4) p. 407-411. Dutch, with English summary.

M 1660 Breuer, J.J.G. (IMAG). (Calculationmodel for energy consumption in glasshouses.) Rekenmodel energiebehoefte in kassen. Opzet van het rekenmodel en toelichting bij enkele resultaten. IMAG-Publikaties no. 77, Wageningen, 1976. pp. 28. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 1661 Frederiks, J. & Sonneveld, P. (IMAG).Patternator for complete sprayer research. Research Reports - IMAG no. 76-4, Wageningen, 1976. pp. 16. English.

M 1662 Gerrits, J.P.G. (PC). (Further research with the experimental tunnel - mushroom culture.) Verder onderzoek met de proeftunnel. De Champignoncultuur (1977)21(3) p. 61, 63, 65, 67, 69, Dutch.

M 1663 (Given the gutter stable.) (IMAG). Gegeven de grupstal. IMAG Publikatie no. 69, Wageningen, 1976. pp. 110. Dutch, with English summary. Price ƒ 10,--.

M 1664 Hadders, A. (LHALT). (The autocar-tractor.) De autotrekker. Landbouwmechanisatie (1975)26(12) p. 1375-1381. Dutch.

M 1665 Hadders, A. (LHALT). (History of mechanization in the US. From Civil War until crisis (1861-1890) 1.) Historie van de mechanisatie in de VS. Landbouwmechanisatie (1977)28(2) p. 171-174. Dutch.

M 1666 Hadders, A. (LHALT). (History of mechanization in the USA. From crisis until first worldwar (1890-1917).3.). Historie van de mechanisatie in de VS. Van crisis tot Eerste Wereldoorlog (1890-1917).3. Landbouwmechanisatie (1977)28(4) p. 417-420. Dutch.

M 1667 Hoenderken, J.A.; Kiers, G. & Terpstra, J. (IMAG).(Technical data of tractors in Dutch agriculture.)Enkele technische gegevens van wieltrekkers in de landbouw. Landbouwmechanisatie (1977)28(1) Appendix p. 1-16. Tables. Dutch.

M 1668 Hoogerkamp, D. (Consulentschap voor Boerderijbouw en -inrichting, Mansholtlaan 12, Wageningen.) (Tied stall or loose housing - in dairy farming.) Grupstal of ligboxenstal? Bedrijfsontwikkeling (1977)8(3) p. 225-227. Refs. 7. Dutch.

M 1669 Kraai, A.R. (IMAG). (Series test of agricultural and horticultural machinery.) Het merkenonderzoek van land- en tuinbouwwerktuigen. Bedrijfsontwikkeling (1977)8(5) p. 401-404. Dutch.

M 1670 Kraai, A.R. (IMAG) et al. (Series test of apparatus for filling tower silos.) Merkenonderzoek apparatuur voor het vullen van torensilo's. IMAG Publikatie no. 60, Wageningen, 1976. pp. 90. Dutch, with English summary. Price ƒ 7,50.

M 1671 Maring, J. (IMAG). (Noise control of fans in agriculture.) Geluiddempers bij landbouwventilatoren. Landbouwmechanisatie (1977)28(5) p. 539-541. Dutch.

M 1672 Mertens, J.A.M. (IMAG).(Planning and building of children's farms.) De opzet en bouw van kinderboerderijen. IMAG-Publikaties no. 65, Wageningen, 1976. pp. 36. Refs. 15. Dutch, with English summary. Price ƒ 7,50.

M 1673 Otter, C.A. den. (IMAG). (The use of tractors of 200 hp and more in Dutch agriculture.) Het gebruik van trekkers van 200 pk en meer in de Nederlandse landbouw. Landbouwmechanisatie (1977)28(4) p. 393-395. Dutch.

M 1674 Ouwerkerk, E.N.J. van. (IMAG). (Aluminium for farm buildings.) Aluminium voor landbouwbedrijfsgebouwen. Landbouwmechanisatie (1977)28(5) p. 569-574. Refs. 16. Dutch, with English summary. Also Bedrijfsontwikkeling (1977)8(1) p. 53-59.

M 1675 Perdok, U.D. & Fluit, J. (IMAG). (Power driven soil cultivation implements.) Aangedreven grondbewerkingswerktuigen. Landbouwmechanisatie (1977)28(2) p. 135-138. Dutch, with English summary.

M 1676 Poesse, G.J. & Sprong, M.C. (IMAG). A description method for mouldboard shapes. Research Reports - IMAG no. 76-2, Wageningen 1976. pp. 17. Refs. 7. English.

M 1677 (Series test of shade coatings - for glasshouses.) (IMAG). Merkenonderzoek schermmiddelen (ten behoeve van kassen). IMAG-Publikaties no. 76, Wageningen, 1977. pp. 21. Dutch, with English summary. Price ƒ 3,50.

M 1678 Straelen, B.C.P.M. van. (IMAG). (Hydraulic systems in agricultural machines. Part 9. Filtering of hydraulic systems.) Hydrauliek in de landbouwmechanisatie; Deel XI. Filtrering van hydraulische systemen. Landbouwmechanisatie (1975)26(12) p. 1413-1416. Dutch.

M 1679 Terpstra, J. & Kiers, G. (IMAG). (Technical data of wheel tractors.) Technische gegevens wieltrekkers. IMAG-Publikaties no. 75, Wageningen, 1977. pp. 188. Tables. Dutch. 10th ed.

M 1680 Zachariasse, L.C. & Dröge, H. (LEI). (Application of tillage units and standard farm management units at farms.) Toepassing van bewerkingseenheden en standaardbedrijfseenheden op landbouwbedrijven (be en sbe 1975). LEI-Mededelingen no. 165, The Hague, 1977. pp. 15. Dutch.

SOILS AND FERTILIZERS, SOIL, LAND AND AERIAL SURVEY, GEODESY

(Also Nos M 1426, 1452, 1453, 1454, 1456, 1457, 1461, 1464, 1470, 1473, 1490, 1604, 1625, 1626, 1629, 1638, 1658, 1675, 1743, 1749, 1762, 1769, 1770, 1773, 1774, 1785, 1803, 1808, 1812, 1815, 1834, 1836, 1854, 1857, 1859, 1863, 1865, 1875, 1878, 1879, 1881, 1882, 1890, 1898, 1901, 1909, 1920, 1925, 1927, 1934, 1935, 1937, 1938, 1962, 1974, 1977, 1988, 1989, 1997, 1998, 2004, 2005, 2009, 2015, 2023, 2027, 2038, 2045, 2061, 2076, 2089, 2112, 2130, 2255, 2258)

M 1681 Aendekerk, T.G.L. (Consulentschap voor de Tuinbouw, Valkenburgerlaan 3, Boskoop). (Fertilization through sprinkler lines - in glasshouses.) Bemesten via de regenleiding. Groen (1977)33(1) p. 22-26. Dutch.

M 1682 (A basis for recommendations on fertilizing soils.)(CBL). Adviesbasis voor bemesting van landbouwgronden. Consulentschap voor Bodemaangelegenheden in de Landbouw, Wageningen. 1977. pp. 48. Dutch. Price ƒ 2,50.

M 1683 Beek, J. (ICW); Haan, F.A.M.de & Riemsdijk, W.H. van. Phosphates in soils treated with sewage water: I. General information on sewage farm, soil and treatment results. Journal of Environmental Quality (1977)6(1) p. 4-7. Refs. 7. English, with English summary.

M 1684 Beek, J. (ICW); Haan, F.A.M. de & Riemsdijk, W.H. van. Phosphates in soils treated with sewage water: II. Fractionation of accumulated phosphates. Journal of Environmental Quality (1977)6(1) p. 7-12. Refs. 24. English, with English summary.

M 1685 Bisdom, E.B.A. (STIBOKA) et al. Light and heavy element detection in thin sections of soils with the ion microprobe mass analyzer (IMMA). Netherlands Journal of Agricultural Science (1977)25(1) p. 1-13. Refs. 14. English, with English summary.

M 1686 Bisdom, E.B.A. (STIBOKA) et al. Wavelength and energy-dispersive X-ray microanalysis with EMA and SEM-EDXRA on thin sections of soils. Netherlands Journal of Agricultural Science (1976)24(4) p. 209-222. Refs. English, with English summary.

M 1687 Boekel, P. & Bikker, J. (IB). (Preliminary studies on soil structure in the Betuwe area - Netherlands.) Oriënterend onderzoek naar de structuur van de grond in de Betuwe. Instituut voor Bodemvruchtbaarheid, Rapport no. 7-76, Haren (Gr.), 1976. pp. 27. Refs. 7. Dutch, with Dutch summary.

M 1688 Bogers, J. (Consulentschap voor de Rundveehouderij en Akkerbouw, Postbus 1158, Tilburg). (Thirteen years nitrogen experimental farm "Elizahoeve" in middle North-Brabant.) Dertien jaar stikstofproefbedrijf "Elizahoeve" in midden Noord-Brabant. Stikstof (1977)8(85) p. 28-36. Dutch.

M 1689 Bosma, A.H.(IMAG) et al. Odourless land application of slurry. Research Reports - IMAG no. 76-6, Wageningen, 1976. pp. 20. Refs. 10. English.

M 1690 Bouma, J.; Dekker, L.W. & Verlinden, H.L. (STIBOKA). Drainage and vertical hydraulic conductivity of some Dutch "knik" clay soils. Agricultural Water Management (1976)1(1) p. 67-78. Refs. 22. English, with English summary.

M 1691 Boxma, R. (IB). Evaluation of phosphate in fertilizers by means of the alkaline ammonium citrate extraction according to Petermann. Netherlands Journal of Agricultural Science (1977)25(1) p. 42-50. English, with English summary.

M 1692 Breteler, H. & Haenisch ten Kate, C.H. (ITAL). (Uptake and conversion of nitrate by higher plants.) Opname en verwerking van nitraat door hogere planten. Stikstof (1977)8(85) p. 16-21. Refs. 16. Dutch, with Dutch summary.

M 1693 Brinkhorst, W. (RIJ). (Groundwater level maps for the eastern part of Oostelijk Flevoland - the Netherlands; explanation.) Grondwaterstandskaarten voor het oostelijk deel van Oostelijk Flevoland. Toelichting. Rijksdienst voor de IJsselmeerpolders, Flevobericht no. 65-1. Lelystad, 1975. pp. 9. Dutch.

M 1694 Brinkhorst, W. (RIJ). (Groundwater level maps of the eastern part of Oostelijk Flevoland - the Netherlands; maps.) Grondwaterstandskaarten voor het oostelijk deel van Oostelijk Flevoland, kaarten. Rijksdienst voor de IJsselmeerpolders. Bijlagen bij Flevobericht no. 65 - 1 (Appendixes to Flevobericht no. 65 - 1). Lelystad, 1975. 2 maps. Dutch.

M 1695 Buurman, P. (LHABK); Plas, L. van der & Slager, S. A toposequence of alpine soils on calcareous micaschists, northern Adula Region, Switzerland. The Journal of Soil Science (1976)27(3) p. 395-410. Refs. 24. English.

M 1696 Bijlsma, H. (ITC); Paresi, C. & Richardson, J. Action research at the ITC in some techniques of mastery learning: preliminary steps in evaluation in the photogrammetry department. ITC Journal (1976)(2) p. 225-235. Refs. 6. English.

M 1697 Dekker, L.W. (STIBOKA) & Bouma, J. (The vertical saturated permeability of some soils with a - unpermeable - "pikklei" layer in the surroundings of Schagen - Netherlands.) De verticale verzadigde doorlatendheid van enige gronden met een pikkleilaag in de omgeving van Schagen. Stichting voor Bodemkartering Rapport nr. 1274, Wageningen, 1976. pp. 19. Refs. p. 18-19. Dutch.

M 1698 Diest, A. van. (LHALBS). (The cycle of nitrogen, an indispensable but dangerous element, 2.). De kringloop van stikstof, een onontbeerlijk maar gevaarlijk element. 2. Tijdschrift Vereniging Koninklijke Nederlandsche Heide Naatschappij (1977)88(2) p. 61-67. Dutch.

M 1699 Diest, A. van. (LHALBS). (Nitrogen fertilizers and ozone decomposition.)Stikstofmeststof en ozonafbraak. Chemisch Weekblad (1977)(mei) p. 207-209. Refs. 6. Dutch.

M 1700 Doddema, H. (RUG); Hofstra, J.J. & Feenstra, W.J. Uptake of nitrate by Arabidopsis thaliana mutants. Arabidopsis Information Service; Proceedings of the Second International Symposium on Arabidopsis Research (1976)(13) p. 136-140. Refs. 21. English.

M 1701 Dodewaard, E. van; Buitenhuis, A. & Rutten, G. (STIBOKA). (Soil conditions of the land consolidation area Ruinen - Netherlands.) De bodemgesteldheid van het ruilverkavelingsgebied Ruinen. Rapporten Stichting voor Bodemkartering (Stiboka) no. 1226, Wageningen, 1977. pp. 109. Refs. 15. Maps. Dutch, with Dutch summary.

M 1702 Dodewaard, E. van & Rutten, G. (STIBOKA). (Soil conditions in the extension of the land consolidation area Midden-Opsterland (Netherlands), part 1 and 2.) De bodemgesteldheid van de uitbreiding van het ruilverkavelingsgebied Midden-Opsterland, deel 1 en 2. Rapporten Stichting voor Bodemkartering no. 1278, Wageningen, 1977. pp. 47. Maps. Dutch.

M 1703 Dorp, F. van. (ITAL). (Simulation of changes in nutrient concentrations around plant roots.) Simulatie van veranderingen in concentraties van voedingselementen rond plantewortels. Doctoral thesis, Wageningen, 1977. pp. 162. Refs. 471. Dutch, with English and Dutch summaries. ISBN 90 220 0624 7. Obtainable from Pudoc as Agricultural Research Reports no. 863.

M 1704 Feenstra, W.J. (RUG) & Braaksma, F.J. Genetic control of nitrate reduction in Arabidopsis. Arabidopsis Information Service; Proceedings of the Second International Symposium on Arabidopsis Research (1976)(13) p. 133-135. Refs. 6. English.

M 1705 Gans, W. de. (VUA). (Pingos on the Drenthian plateau.) Dobben op het Drents plateau. Geografisch Tijdschrift (1976)10(5) p. 354-364. Refs. p. 363-364. Dutch.

M 1706 Geneijgen, J. van. (PR) & Poelma, H.R. (Storage possibilities of liquid manure.) Opslagmogelijkheden van dunne mest. Bedrijfsontwikkeling (1977)8(3) p. 219-224. Dutch, with Dutch summary.

M 1707 Geological bibliography of the Netherlands and adjacent countries of importance to the geology of the Netherlands.(RGD). Mededelingen Rijks Geologische Dienst, Nieuwe serie (1976)27(4) p. 197-212. Refs. 153. English, German and French.

M 1708 Gibbons, F.R. & Haans, J.C.F.M. (STIBOKA). Dutch and Victorian - Australian - approaches to land appraisal. Soil Survey Papers no. 11, Stiboka, Wageningen, 1976. pp. 40. Refs. 49. English, with English summary.

M 1709 Harmsen, K. (LHALBS). Behaviour of heavy metals in soils. Doctoral thesis, Wageningen, 1977. pp. 171. Refs. 124. English, with English and Dutch summaries. Obtainable from Pudoc as Agricultural Research Reports no. 866. ISBN 90 220 0635 2.

M 1710 Henselmans, J.V. & Algra, S. (Stichting Natuur en Milieu, Noordereinde 60, 's-Graveland). (Phosphate production and use in bio-industrial areas.) Fosfaatproduktie en fosfaatgebruik in gebieden met bio-industrie. Natuur en Landschap (1976)30(6) p. 173-186. Refs. 6. Dutch, with Dutch summary.

M 1711 (The investigation of fertilizers and animal feeds,1966-1974.) (Rijkslandbouwproefstation, Kruisherengang 21, Maastricht). Het onderzoek van meststoffen en veevoeders 1966-1974. Ministerie van Landbouw en Visserij, Directie van de Landbouw, Den Haag, 1976. pp. 358. Dutch.

M 1712 Jong, J.D. de. (LHABK). Dutch tidal flats. Sedimentary Geology (1977)18(1/3) p. 13-23. Refs. p. 22-23. English.

M 1713 Jongerius, A. & Heintzberger, G. (STIBOKA). Methods in soil micromorphology. A technique for the preparation of large thin sections. Soil Survey Papers no. 10, Stiboka, Wageningen, 1975. pp. 48. Refs. 62. English.

M 1714 Kessel, J.F. van. (LHAM). Factors affecting the denitrification rate in two water-sediment systems. Water Research (1977)11(3) p. 259-267. Refs. 32. English.

M 1715 Kubik, K. (ITC) & Botman, A.G. Interpolation accuracy for topographic and geological surfaces. ITC Journal (1976)(2) p. 236-274. Refs. 6. English.

M 1716 Kühnel, R.A. (THD); Roorda, H.J. & Steensma, J.J. The crystallinity of minerals - a new variable in pedogenetic processes. A study of goethite and associated silicates in laterites. Clays and Clay Minerals (1975)23(5) p. 349-354. Refs. 21. English.

M 1717 Kwaad, F.J.P.M.& Muecher, H.J. (GUA). The evolution of soils and slope deposits in the Luxembourg Ardennes near Wiltz. Geoderma (1977)17(1) p. 1-37. Refs. 48. English, with English summary.

M 1718 Langeweg, F. (RIDV) & Bresser, A.H.M. (The public water supply in relation to the water management of the Netherlands.) De openbare watervoorziening in relatie tot de waterhuishouding van Nederland. TNO Project (1977)5(1) p. 16-26. Refs. 7. Dutch.

M 1719 Leffelaar, P.A. (LHALBS) & Pal Sharma, R. Leaching of a highly saline-sodic soil. Journal of Hydrology (1977)32(3) p. 203-218. Refs. 22. English, with English summary.

M 1720 (Liquid or solid manure?) (Consulentschap in Algemene Dienst voor Boerderijbouw en-inrichting, Mansholtlaan 12, Wageningen). Dunne mest of vaste mest? Consulentschap in Algemene Dienst voor Boerderijbouw en -inrichting, Wageningen, 1976. pp. 38. Dutch, with Dutch summary.

M 1721 Makken, H. (STIBOKA) & Steur, G.G.L. (Explication at the legend of the draft soil map and groundwater stages map of the reconstruction area east-Groningen and the Veenkoloniën of the provinces of Groningen and Drente.) Toelichting bij de legenda van de concept bodemkaart en grondwatertrappenkaart van het reconstructiegebied Oost-Groningen en Gronings-Drentse Veenkoloniën. STIBOKA-Rapport no. 1315, Wageningen, 1977. pp. 36. krtn. Dutch.

M 1722 Meuzelaar, H.L.C. (FOM-Institute, Amsterdam) et al. Comparative studies of pyrolysis-mass spectra of melanins, model phenolic polymers, and humic acids. Geoderma (1977)17(3) p. 239-252. Refs. 39. English.

M 1723 Olsthoorn, Th.N.(Keuringsinst.v.Waterleidingartikelen(KIWA N.V.), Churchilllaan 273, Rijswijk; Z.H.). (In Dutch sand formations are the perfused - by groundwater - and total pore volume equal.) In Nederlandse zandformaties zijn het doorstroomde en het totale porievolume aan elkaar gelijk. H_2O (1977)10(5) p. 118-122. Refs. 18. Dutch.

M 1724 Pelgrum, A. (IB). (The soil structure on the three organic matter farms - experimental farms near Nagele, Noordoostpolder.) De bodemstructuur op de drie organischestof-bedrijven. Instituut voor Bodemvruchtbaarheid, Rapport 5-76, Haren (Gr.), 1976. pp. 27. Refs. 4. Dutch.

M 1725 Prummel, J. & Sissingh, H.A. (IB). (Transport and accumulation of phosphate in the soil.) Transport en accumulatie van fosfaat in de grond. Rapporten - Instituut voor Bodemvruchtbaarheid no. 4-76, Haren (Gr.), 1976. pp. 22. Refs. 38. Dutch, with English and Dutch summaries.

M 1726 Riemsdijk, W.H. van (ICW); Weststrate, F.A. & Beek, J. Phosphates in soils treated with sewage water III. Kinetic studies on the reaction of phosphate with aluminium compounds. Journal of Environmental Quality (1977)6(1) p. 27-29. Refs. 8. English, with English summary.

M 1727 Ruegg, G.H.J. (RGD). Features of middle pleistocene sandur deposits in the Netherlands. Geologie en Mijnbouw (1977)56(1) p. 5-24. Refs. p. 23-24. English.

M 1728 Salomons, W. (RUG); Mook, W.G. & Poelman, J.N.B. (Application of stabile isotopes in the study of calcium in soils.) Toepassing van stabiele isotopen bij bestudering van kalk in bodems. Landbouwkundig Tijdschrift (1977)89(1) p. 5-9. Refs. 9. Dutch, with Dutch summary.

M 1729 Schothorst, C.J. (ICW). Subsidence of low moor peat soils in the western Netherlands. Geoderma (1977)17(4) p. 265-291. Refs. 36. English, with English summary.

M 1730 Schouten, C.J.J.H. (GUA). Origin and output of suspended and dissolved material from a catchment in Northland (New Zealand) with particular reference to maninduced changes. Publicaties van het Fysisch-Geografisch en Bodemkundig Laboratorium van de Universiteit van Amsterdam no. 23, Amsterdam, 1976. pp. 180. Refs. p. 170-175. English, with English summary.

M 1731 Segeren, W.A. (RIJ). (Playing with water, soil and land.) Spel met water, grond en land. Intree rede - Technische Hogeschool te Delft, 1975. pp. 38. Refs. 15. Dutch.

M 1732 Vertregt, N. (CABO) & Verhagen, W. (Determination of total nitrogen in liquid manure and water purification effluent.) Bepaling van totaal stikstof in drijfmest en zuiveringseffluent. Wageningen, CABO Publ. 2. Wageningen, 1976. pp. 2. Refs. 3. Dutch. Repr.: H_2O (1976)9(16) p. 307-308.

M 1733 Visser, J. (RIJ). Soil aeration capacity, an index for soil structure, tested against yield and root development of apple trees at various soil treatments and drainage conditions. Plant and Soil (1977)46(1) p. 221-237. Refs. 9. English.

M 1734 Visser, J. (ITC). The use of large scale ortophoto maps in cadastral survey and for rural and urban development projects. ITC Journal (1976)(2) p. 275-303. English.

M 1735 Warmerdam, P.M.M. (LHAHL) & Boiten, W. (The waterbalance.) De waterbalans. Landbouwkundig Tijdschrift (1977)89(5) p. 118-122. Dutch.

M 1736 Wesseling, J. (ICW). (The importance of groundwater for agriculture.) Belang van grondwater voor de landbouw. Waterschapsbelangen (1977)62(3) p. 51-56. Dutch.

M 1737 Willems, A.P.T. (Consulentschap voor de Akkerbouw en Rundveehouderij, Lange Nering 68-74, Emmeloord) & Kieft, A. (Land exchange; a possibility for farm area increase?) Landruil; een mogelijkheid tot bedrijfsvergroting? Bedrijfsontwikkeling (1977)8(3) p. 199-201. Dutch.

M 1738 Zwiers, J.S. (IB). (Soil disinfection on clay- and sandy clay soils and soil structure.) De grondontsmetting op klei- en zavelgronden en de structuur van de grond. Rapporten - Instituut voor Bodemvruchtbaarheid no. 2-76, Haren, 1976. pp. 19. Refs. 6. Dutch, with Dutch summary.

PLANT BREEDING, SEEDS, PROPAGATING MATERIAL

(Also Nos M 1704, 1812, 1818, 1821, 1824, 1833, 1846, 1851, 1852, 1867, 1874, 1883, 1895, 1913, 1920, 1927, 1931, 1937, 1940, 1957, 1958, 1959, 1972, 1982, 1983, 1989, 1991, 2002, 2026, 2034, 2035, 2049, 2050, 2051, 2064, 2068, 2073)

M 1739 (52th Descriptive cultivar list for arable crops 1977.) (RIVRO). 52e Beschrijvende Rassenlijst voor Landbouwgewassen 1977. IVRO, Bennekom, 1977. pp. 333. Dutch. Price ƒ 8,25.

M 1740 Hermsen, J.G.Th.(LHIVP). (Induction and perspectives of haploids in higher plants.) Inductie en perspectieven van haploïden bij hogere planten. Vakblad voor Biologen (1977)57(6) p. 86-91. Refs. 18. Dutch.

M 1741 Hoog, M.H. (RUU). (The seed bank - to be continued.) De zaadbank (wordt vervolgd). Wachendorfia (1977)5(1) p. 7-10. Dutch.

M 1742 Pierik, R.L.M. (LHATPT). (In vitro culture of plants as an auxiliary in genetic manipulation.) In vitro kultuur van planten als hulpmiddel bij genetische manipulaties. Vakblad voor Biologen (1977)57(6) p. 82-85. Ref. 1.Dutch.

LAND IMPROVEMENT, RECLAMATION, TILLAGE, DRAINAGE

(Also Nos M 1418, 1426, 1516, 1642, 1690, 1701, 1702, 1721, 1723, 1731, 1733, 1735, 1736, 1786, 1809, 1857, 1882, 1901, 2070, 2256, 2293)

M 1743 Beek, G.S.C. van. (Bureau Ontwikkeling Automatisering Kadastrale Registratie, Heerlen). (Development of automation of cadastral registration - in the Netherlands.) Ontwikkeling automatisering kadastrale registratie. Geodesia (1976)18(1) p. 19-25. Dutch.

M 1744 Berkel, T.L. van. (LEI).(Nispen-Schijf. Socio-economic survey of a land consolidation area, south of Roosendaal - province of North Brabant.) Nispen-Schijf. Sociaal-economische verkenning van een ruilverkavelingsgebied ten zuiden van Roosendaal. Publikaties - LEI no. 2.84, The Hague, 1976. pp. 85. Dutch, with Dutch summary. Price ƒ 15,--.

M 1746 Borger, G.J. (GUA). (Drainage and land use in medieval moorland reclamations in the Netherlands.) Ontwatering en grondgebruik in de Middeleeuwse veenontginningen in Nederland. Geografisch Tijdschrift (1976)10(5) p. 343-353. Refs. 36. Dutch.

M 1748 Bosker, J.J. (Madoerastraat 27, Delft). (Alternative for an Oosterschelde dam.) Alternatief voor een Oosterscheldeafsluiting. Land + Water (1977)21(4) p. 14-17. Dutch.

M 1749 Busser, J.W. (CD) & Kodde, H. (Field research into clogging of draining tiles by sand.) Veldonderzoek naar de inspoeling van zand in drainbuizen. Cultuurtechnisch Tijdschrift (1977)16(6) p. 266-273. Dutch.

M 1750 Edens, F.J. (IMAG). (Labour requirements for removing irrigation installations.) De arbeidsbehoefte voor het verplaatsen van regeninstallaties met haspel of draaiende boom. Landbouwmechanisatie (1977)28(5) p. 523-524. Dutch, with English summary.

M 1751 Elema, H.M. (IMAG). (Some experience with travelling rain-guns for overhead irrigation.) Ervaringen met haspelinstallaties bij beregening in 1976. Landbouwmechanisatie (1977)28(1) p. 9-15. Dutch, with English summary.

M 1752 Feddes, R.A. & Wijk, A.L.M. van. (ICW). An integrated model-approach to the effect of water management on crop yield. Agricultural Water Management (1976)1(1) p. 3-20. Refs. 11. English, with English summary.

M 1753 Geerling, G.J. (SBB). (Land consolidation and strengthening dikes in the fluvial region (Netherlands), consequences for nature and landscape.) Ruilverkaveling en dijkverzwaring in het rivierenland, gevolgen voor natuur en landschap. Cultuurtechnisch Tijdschrift (1976)16(4) p. 143-162. Dutch.

M 1754 Gendt, S.J. van. (RW). (Underdrainage pumping installations Noordoostpolder.) Onderbemaling Noordoostpolder. Land + Water (1977)21(2) p. 12-16. Dutch.

M 1755 Gottschalk, M.K.E. (GUA). (Holland between the rivers Maas and IJ in the grip of mideaval storm floods and river floods.) Holland tussen Maas en IJ in de greep van middeleeuwse stormvloeden en rivieroverstromingen. Spiegel Historiael (1976)11(2) p. 108-115. Dutch.

M 1756 Havinga, L. (ICW). (Risks of lowering of water level in polders for foundations - of agricultural buildings.) Risico's polderpeilverlaging voor funderingen. Grondjournaal (1976)1(21) p. 60-61, 63. Dutch.

M 1757 Hendriksen, J. (ANWB). (Markerwaard more value than Markermeer? - ecological aspects of empoldering.) Markerwaard meer waard van Markermeer? Recreatievoorzieningen (1977)9(4) p. 163-166. Dutch.

M 1758 Huisman, P.J. (RIJ). (Seeding and maintenance of the grass surface of the dikes.) Inzaai en onderhoud van de grasmat op dijken. Rijksdienst voor de IJsselmeerpolders, Flevobericht No. 120. Lelystad, 1976. pp. 49. Refs. 119. Dutch.

M 1759 Jonkers, H.J. (CD) & Miedema, G. (Results of the investigations into the entry resistance of drains on experimental fields.) Resultaten van het onderzoek naar de intreeweerstand van drains op proefvelden. Mededelingen Cultuurtechnische Dienst No. 114. Utrecht, 1975. pp. 47. Dutch.

M 1760 Knops, J.A.C. (ILC) & Zuidema, F.C. (Recommendations for the choice of wrapping materials for draining tiles.) Aanbevelingen voor de keuze van omhullingsmaterialen voor drainbuizen. Cultuurtechnisch Tijdschrift (1977)16(6) p. 274-283. Refs. 14. Dutch.

M 1761 Koopman, A.F. (NV Provinciale Zeeuwse Energie Maatschappij, Poelendaelesingel 10, Middelburg). (Tidal - electric - power station in Oosterschelde: damped barking to the moon.) Getijdecentrale in Oosterschelde: gedempt blaffen tegen de maan. Land + Water (1977)21(2) p. 20-24. Refs. 11. Dutch.

M 1762 Leenders, W.H. & Mulder, J.R. (STIBOKA). (Land consolidation area Nispen-Schijf - Netherlands -. Soil conditions.) Ruilverkaveling Nispen-Schijf. De bodemgesteldheid en bodemgeschiktheid. Rapporten Stichting voor Bodemkartering no. 1209, Wageningen, 1976. pp. 98. Refs. 13. Maps. Dutch.

M 1763 Lieftink, D.A. (IMAG). (Test of travelling rain-guns for overhead irrigation.) Merkenonderzoek van haspel installaties voor beregening. Landbouwmechanisatie (1977)28(1) p. 19-23. Dutch.

M 1764 Metzelaar, W. (RW). (Netherlands, Delta country. 4th ed.). Nederland; Deltaland; 4e dr. Stam Technische Boeken, Culemborg (1976) pp. 151. Dutch. ISBN 90 11 35501 6.

M 1765 Meijer, H.J. & Knops, J.A.C. (ICW). (Field evaluation of the durability of coconut fibres as a covering material for draining pipes.) Veldonderzoek naar de bestendigheid van cocosvezels als afdek- of omhullingsmateriaal voor drainbuizen. Cultuurtechnisch Tijdschrift (1977)16(6) p. 261-265. Refs. 2. Dutch.

M 1766 Moen, H.J. (CD). (Networkplanning for land consolidations.) Netwerkplanning bij ruilverkavelingen. Cultuurtechnisch Tijdschrift (1976)16(4) p. 163-168. Dutch.

M 1767 Naarding, W.H. (CD). (Developments in drainage.) Ontwikkeling in de drainage. Cultuurtechnisch Tijdschrift (1977)16(6) p. 233-241. Refs. 13. Dutch.

M 1768 Naarding, W.H. (CD). (Ditch or ditchless drainage?) Sleuf- of sleufloze drainage? Cultuurtechnisch Tijdschrift (1977)16(6) p. 248-260. Refs. p. 259-260. Dutch.

M 1769 (Re-allocation Laren (Gld.). The soil conditions.) (STIBOKA). Ruilverkaveling Laren (Gld.). De bodemgesteldheid. Stichting voor Bodemkartering Publ. no. 1-2. Wageningen, 1976. pp. 102. Refs. p. 35. Dutch.

M 1770 (Royal Netherlands Land Development and Reclamation Society, Arnhem. Annual Report 1975.) (KNHM). NV Heidemaatschappij Beheer. Jaarverslag 1975. Arnhem, 1976.pp. 36. Dutch.

M 1771 (Royal Netherlands Land Development and Reclamation Society, Arnhem. Annual Report 1976.)(KNHM). NV Heidemaatschappij Beheer. Jaarverslag 1976. Arnhem, 1977. pp. 32. Dutch.

M 1772 Verdenius, H. (Directie Zuiderzeewerken, Rijkswaterstaat Maerlant 1, Lelystad). (Drainage in Southern Flevoland - Netherlands.) Afwaterings-stelsel in Zuidelijk Flevoland. Land + Water (1977)(2) p. 8-10. Dutch.

M 1773 Vink, L.W. (ICW). (Effect of some technical production circumstances on soil use of potential vegetable growers on sandy soils in West-Brabant - Netherlands.) Invloed van enkele cultuurtechnische produktie-omstandigheden op het grondgebruik van potentiële groenteteeltbedrijven in de vollegrond in het West-Brabantse zandgebied. Cultuurtechnisch Tijdschrift (1977)16(5) p. 205-213. Refs. 8. Dutch, with Dutch summary.

M 1774 Vries, Th. de. (CBL). (Soil improvement in the Netherlands.) Grondverbetering in Nederland. Landbouwkundig Tijdschrift (1977)89(3) p. 62-71. Refs. 11. Dutch, with Dutch summary.

M 1775 Westerhof, J.J. (CD). (The development of land consolidation in the "Gelders Rivierengebied" - Netherlands.) De ontwikkeling van "ruilverkavelen" in het Gelderse Rivierengebied. Cultuurtechnisch Tijdschrift (1976)16(4) p. 131-142. Refs. 13. Dutch.

M 1776 Wilde, J.G.S. de; Ryhiner, A.H. & Linthorst, T.J. (ICW). (Irrigation in the Netherlands in the dry year 1973.) Beregening en bevloeiing in Nederland in het droge jaar 1973. Landbouwkundig Tijdschrift (1977)89(4) p. 88-95. Refs. 6. Dutch.

PLANT PATHOLOGY AND PROTECTION

(Also Nos M 1478, 1485, 1491, 1494, 1498, 1513, 1523, 1636, 1642, 1644, 1649, 1661, 1738, 1804, 1805, 1806, 1807, 1810, 1813, 1818, 1823, 1826, 1827, 1828, 1834, 1837, 1843, 1851, 1852, 1853, 1859, 1860, 1861, 1867, 1868, 1871, 1873, 1877, 1881, 1884, 1887, 1888, 1889, 1893, 1894, 1899, 1904, 1907, 1913, 1916, 1917, 1921, 1925, 1934, 1940, 1943, 1945, 1946, 1947, 1950 up to 1956, 1960, 1964, 1965, 1966, 1967, 1970, 1971, 1980, 1981, 1985, 1987, 1990, 1992, 1995, 2000, 2009, 2011, 2020, 2021, 2033, 2035, 2036, 2039, 2040, 2043, 2046, 2049, 2050, 2056, 2057, 2059, 2060, 2061, 2065, 2066, 2067, 2072, 2074, 2077, 2079, 2083, 2128, 2129, 2180, 2181, 2186, 2255)

M 1777 Ankersmit, G.W. (LHAE) et al. Studies on the sterile male technique as a means of control of Adoxophyes orana (Lepidoptera, Tortricidae), 5: release trials. Netherlands Journal of Plant Pathology (1977)83(2) p. 73-83. Refs. 15. English, with English and Dutch summaries.

M 1778 Bos, L. (IPO). (Plant viruses; a short introduction to plant virology.) Plantevirussen; beknopte inleiding tot de plantevirologie. Wetenschappelijke Mededelingen KNNV no. 116, Hoogwoud, 1976. pp. 48. Refs. 15. Dutch, with English summary.

M 1779 Bos, L.(IPO). Research on plant virus diseases in developing countries: possible ways for improvement. FAO Plant Protection Bulletin (1976)24(4) p. 109-118. Refs. 11. English.

M 1780 Brugge, T. (RIN). (Controlling field mice with chlorofacinon wheat?) Veldmuizen bestrijden met chloorfacinontarwe? Landbouwkundig Tijdschrift (1977)89(1) p. 10-14. Dutch, with Dutch summary.

M 1781 Dekker, J. (LHAF). Prospects for the list of systemic fungicides in view of the resistance problem. Proceedings of the American Phytopathological Society (1976)3 p. 60-66. Refs. 36. English.

M 1782 Feldmann, A.M. (ITAL). Mating competitiveness and the effect of X-rays and ageing on males of Tetranychus urticae (Acarina, Tetranychidae) in relation to genetic control. Entomologia Experimentalis et Applicata (1977)21(2) p. 182-191. Refs. 36. English, with German and English summaries.

M 1783 Flipse, L.P. (Bureau Bestrijdingsmiddelen van de Commissie voor Fytofarmacie, Geertjesweg 15, Wageningen) & Hof, B.L. (Modification of the Pesticides law - Netherlands - 1962 - in force 1 jan. 1977.) Wijziging van de bestrijdingsmiddelenwet 1962. Bedrijfsontwikkeling (1977)8(3) p. 195-198. Dutch.

M 1784 Heemert, C. van (ITAL). Isolation of a homozygous X-linked translation stock with two additional sex-chromosomes in the onion fly Hylemya antiqua Meigen. Theoretical and Applied Genetics (1977)49(3) p. 123-132. Refs. p. 131-132. English.

M 1785 Hijink, M.J. & Nollen, H.M. (PD). (Development of and perspectives for chemical soil disinfection.) Ontwikkeling van en perspectieven voor de chemische grondontsmetting. Landbouwkundig Tijdschrift (1977)89(2) p. 48-54. Refs. 10. Dutch, with Dutch summary.

M 1786 Kuiper, K. (PD). (Entrance and establishment of plant parasitic nematodes in new polders, in particular of Trichodorus teres.) Introductie en vestiging van planteparasitaire aaltjes in nieuwe polders, in het bijzonder van Trichodorus teres. Doctoral thesis, Wageningen, 1977. pp. 140. Refs. 190. Dutch, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool Wageningen no. 77-4.

M 1787 Kwak, M. (RUG). Pollination ecology of five hemiparasitic, large-flowered Rhinanthoideae with special reference to the pollination behaviour of nectar-thieving, short-tongued bumblebees. Acta Botanica Neerlandica (1977)26(2) p. 97-107. Refs. 34. English.

M 1788 Leeuw, G.T.N. de. (PLWCS). (Mycoplasmas in plants.) Mycoplasma's in planten. Natuur en Techniek (1977)45(2) p. 74-89. Dutch.

M 1789 Maan, G.C. & Zadoks, J.C. (LHAF). Trends in research reported in the Netherlands Journal of Plant Pathology, 1895-1973. Netherlands Journal of Plant Pathology (1977)83(2) p. 91-95. English, with English and Dutch summaries.

M 1790 Minks, A.K. (LIO). Experience with pheromone trapping and disruption of moths. Pesticide Science (1976)7(6) p. 642-646. Refs. 14. English.

M 1791 Minks, A.K. (IPO) & Jong, D.J. de. Determination of spraying dates for Adoxophyes orana by sex pheromone traps and temperature recordings.Journal of Economic Entomology (1975)68(5) p. 729-732. Refs. 7. English.

M 1792 Naber, H. (PD). (Damage by herbicides.) Schade door herbiciden. Gewasbescherming (1977)8(1) p. 1-7. Dutch.

M 1793 Oppenoorth, F.J. (LIO) & Besemer, A.F.H. (PD). (Insecticides and their future.) Insecticiden en hun toekomst. Chemisch Weekblad (1977)(12) Appendix p. 99-104. Refs. 11. Dutch.

M 1794 Oppenoorth, F.J. (LIO) & Besemer, A.F.H. (PD). (A selective search for selective pesticides. Two inaugural addresses). Selectief zoeken naar selectieve pesticiden. Rede Wageningen no. 345, uitgesproken bij de aanvaarding van het ambt van Buitengewoon Hoogleraar in de leer van de werkingsmechanismen bij insecticiden en van dat van lector in de fyto-farmacie aan de Landbouwhogeschool te Wageningen op 11 november 1976. Landbouwhogeschool, Wageningen, 1976. pp. 29. Refs. 9. Dutch.

M 1795 Porskamp, H.A.J. (IMAG). (Series test of mounted sprayers in relation to the liquid distribution.) Merkenonderzoek en vloeistofverdeling van landbouwspuiten. Landbouwmechanisatie (1977)28(4) p. 361-363. Dutch, with English summary.

M 1796 Schooneveld, H. (LHAE) & Abdallah, M.D. Effects of insect growth regulators with juvenile hormone activity on metamorphosis, reproduction and egg fertility of Adoxophyes orana. Journal of Economic Entomology (1975)68(4) p. 529-533. Refs. 11. English.

M 1797 Segeren, P.A. (LHAVL). (The knowledge transfer on crop protection in the Dutch agriculture and horticulture.) De kennisoverdracht over gewasbescherming in de Nederlandse land- en tuinbouw. Landbouwhogeschool, Vakgroep voorlichtingskunde. Wageningen, 1976. pp. 53. Dutch.

M 1798 Spaink, G.N. (IMAG). (Less winddrift when spraying pesticides.) Minder winddrift tijdens het spuiten. Landbouwmechanisatie (1977)28(3) p. 277-279. Dutch, with English summary.

M 1799 Tuyl, J.M. van. (LHAF). Genetics of fungal resistance to systemic fungicides. Doctoral thesis, Wageningen, 1977. pp. 136. Refs. English, with English and Dutch summaries. Also: Mededelingen Landbouwhogeschool Wageningen no. 77-2.

M 1800 Verbrugge-Bos, E.C. (Stichting Nefyto, Den Haag). (Pesticides in the modern world. 3. Fungicides.) Bestrijdingsmiddelen in de tegenwoordige wereld. III. Fungiciden. Chemie en Techniek 29(1974) 5: 134-136. Refs. 3. Dutch.(See also no.K 1718, Pudoc Bulletin Vol. 15 no. 4.)

M 1801 Verbrugge-Bos, E.C. (Stichting Nefyto, Den Haag). (Pesticides in the modern world. 4. Herbicides.) Bestrijdingsmiddelen in de tegenwoordige wereld. IV. Herbiciden. Chemie en Techniek 29(1974)6: 165-166. Refs. 8. Dutch. (See also no. K 1718, Pudoc Bulletin Vol. 15 no. 4.)

M 1802 Zadoks, J.C.(LHAF) & Koster, L.M. (PUDOC). A historical survey of botanical epidemiology. A sketch of the development of ideas in ecological phytopathology. Mededelingen Landbouwhogeschool Wageningen no. 76-12. Wageningen, 1976. pp. 56. Refs. English.

FIELD CROPS, GRASSLAND

(Also Nos M 1430, 1508, 1547, 1630, 1631, 1632, 1636, 1655, 1670, 1688, 1739, 1758, 1765, 1794, 1925, 1996, 2206, 2207, 2266)

M 1803 Bange, G.G.J. (RUL). A lag phase in vacuolar Rb+ accumulation during the initial stage of Rb+ uptake by roots of low-salt barley plants. Acta Botanica Neerlandica (1977)26(1) p. 53-62. Refs. 9. English, with English summary.

M 1804 Beek, D. van der (CPOL); (Stichting Nederlands Graan Centrum, Bornsesteeg 45, Wageningen). (Common smut in maize.) Builenbrand in mais. Bedrijfsontwikkeling (1977)8(3) p. 253-256. Dutch, with Dutch summary.

M 1805 Beek, D. van der. (Stichting Nederlands Graan Centrum, Bornsesteeg 45, Wageningen); (CPOL). (A three year inventory of cereal diseases.) Drie jaar enquête graanziekten. Gewasbescherming (1977)8(2) p. 25-34. Dutch.

M 1806 Beemster, A.B.R. (IPO). (Barley yellow dwarf virus.) Het gerstevergelingsvirus. Gewasbescherming (1977)8(2) p. 55-58. Dutch.

M 1807 Bol, J.F. (RUL); Bakhuizen, C.E.G.C. & Rutgers, T. Composition and biosynthetic activity of polyribosomes associated with alfalfa mosaic virus infections. Virology (1976)75(1) p. 1-17. Refs. 52. English.

M 1808 Boone, F.R. & Elst, C.J. van der. (LHAG). Soil factors affecting the germination of potatoes left on the field after harvest. Netherlands Journal of Agricultural Science (1977)25(1) p. 32-41. Refs. 6. English, with English summary.

M 1809 Borst, N.P.; Bregman, D.; Vlot, C. & Zijdewind, C. (Consulentschap voor de Akkerbouw, Laan 22, Schagen). (Irrigation in arable farming.) Beregenen in de akkerbouw. Bedrijfsontwikkeling (1977) 8(2) p. 161-171. Dutch, with Dutch summary.

M 1810 Bos, L. (IPO); Lindsten, K. & Maat, D.Z. Similarity of clover yellow vein virus and pea necrosis virus. Netherlands Journal of Plant Pathology (1977)83(3) p. 97-108. Refs. 24. English, with English and Dutch summaries.

M 1811 Bredemeijer, G.M.M. (ITAL). Peroxidase leakage and pollen tube growth inhibition in aged Nicotiana alata styles. Acta Botanica Neerlandica (1977)26(3) p. 231-237. Refs. 10. English.

M 1812 Breteler, H. (ITAL). Nitrogen fertilisation, yield and protein quality of a normal and a high-lysine maize variety. Journal of the Science of Food and Agriculture (1976)27(10) p. 978-982. Refs. 14. English.

M 1813 Bruin, Th.E.J.L.W.B. de. (PD). Summary of the discussion on Phoma exigua Desm. var. foveata (Foister) Boerema. EPPO (European and Mediterranean Plant Protection Organization) Bulletin (1976)6(4) p. 241. English.

M 1814 Buitelaar, N. (IBVL); Ludwig, J.W. & Sparenberg, H. (Cultivation and processing of sweet corn in the Netherlands.) Anbau und Verarbeitung von Zuckermais in Holland. Die Industrielle Obst- und Gemüseverwertung (1977)62(6) p. 153-156. German.

M 1815 Darwinkel, A. (PAGV). Effect of sward age on nitrate accumulation in ryegrass. Netherlands Journal of Agricultural Science (1976)24(4) p. 266-273. Refs. 12. English, with English summary.

M 1816 Deinum, B. (LHALPG). Photosynthesis and sink size an explanation for the low productivity of grass swards in autumn. Netherlands Journal of Agricultural Science (1976)24(4) p. 223-237. Refs. 15. English, with English summary.

M 1817 Delbrugge, H.J. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen) & Kroeze, G.H. (Labour management by computer in arable culture.) Arbeidsbegroting per computer in de akkerbouw. Bedrijfsontwikkeling (1976)7(12) p. 921-927. Refs. 3. Dutch.

M 1818 Dijkstra, J. (LHAV) et al. Systemic infection of some N-genecarrying Nicotiana species and cultivars after inoculation with tobacco mosaic virus. Netherlands Journal of Plant Pathology (1977)83(2) p. 41-59. Refs. 24. English, with English and Dutch summaries.

List of codes

Requests for publications, reprints or reproductions of listed publications should be sent direct to the institute or organization concerned

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ANWB	Royal Netherlands Tourist Federation - Wassenaarseweg 220, The Hague
BGD	Office of Joint Services - P.O.Box 33, Wageningen
BGG	Laboratory for Soil and Crop Testing - Mariëndaal, Oosterbeek
BLO	Aphid Research Laboratory - Edeseweg 139, Bennekom
CABO	Centre for Agrobiological Research - P.O.Box 14, Wageningen
CBL	State Advisory Service for Soil in Agriculture - Marijkeweg 11, Wageningen
CBS	Netherlands Central Bureau of Statistics - Prinses Beatrixlaan 428, Voorburg
CBSC	Central Bureau of Fungal Cultures - Oosterstraat 1, Baarn
CD	Land Improvement Service - Maliebaan 21, Utrecht
CDIL	Central Veterinary Institute - Houtribweg 39, Lelystad
CDIR	Central Veterinary Institute - P.O.Box 6007, Rotterdam
CELOS	Centre for Agricultural Research in Surinam - P.O.Box 1914, Paramaribo (Surinam)
CIVO	Central Inst. for Nutrition and Food Research, Utrechtseweg 48, Zeist
CPB	Central Planning Bureau - Van Stolkweg 14, The Hague
CPOL	State Advisory Service for Plant diseases and Weed control in agriculture - Geertjesweg 15, Wageningen
CPOT	State Advisory Service for Plant diseases and Weed control in horticulture - Geertjesweg 15, Wageningen
CRM	Ministry of Culture, Recreation and Social service - Steenvoordelaan 370, Rwk, The Hague
CV	State Advisory Service for Pig keeping, Willemsplantsoen 6, Utrecht
DAZ	Directorate General of Agriculture: Directorate of General Affairs - Bezuidenhoutseweg 73, The Hague
DB	Directorate General of Agriculture: Directorate of Farm Improvement - Bezuidenhoutseweg 73, The Hague
DF	Directorate General of Agriculture: Directorate of Fauna Management - Bezuidenhoutseweg 73, The Hague
DL	Ministry of Agriculture and Fisheries: Directorate of Agricultural Education - Bezuidenhoutseweg 73, The Hague
DLB	Surinam Forest Service - Postbus 436, Paramaribo (Surinam)
DLIV	Directorate General for Rural Planning and Fisheries - Bezuidenhoutseweg 73, The Hague
DLO	Directorate General of Agriculture: Directorate of Agricultural Research - Bezuidenhoutseweg 73, The Hague
DM	Directorate of Marketing Regulations - Bezuidenhoutseweg 73, The Hague

DVZ	Directorate of Animal Husbandry and Dairying - Bezuidenhoutseweg 73, The Hague
EIM	Economic Institute for Medium and Small Firms - Neuhuyskade 94, The Hague
EUR	Erasmus University - Rotterdam
GHO	Health Organization TNO - P.O. Box 297, The Hague
GRONTMIJ	Engineering Consultants for Land Improvement and Reclamation 'Houdringe', De Bilt
GUA	Municipal University - Amsterdam
IAAC	International Agricultural Aviation Centre - Bezuidenhoutseweg 18, The Hague
IAC	International Agricultural Centre - P.O. Box 88, Wageningen
IB	Institute for Soil Fertility - Oosterweg 92, Haren (Gr.)
IBVL	Institute for Research on Storage and Processing of Agricultural Produce - P.O. Box 18, Wageningen
ICW	Institute for Land and Water Management Research - P.O. Box 35, Wageningen
IGMB	Institute for Cereals, Flour and Bread - P.O. Box 15, Wageningen
ILLC	International Institute for Land Reclamation and Improvement - P.O. Box 45, Wageningen
ILACO	Int. Land Development Consultants - Utrechtsestraat 35, Arnhem
ILOB	Institute of Agricultural Research of Biochemical Products - Haarweg 8, Wageningen
IMAG	Institute of Agricultural Engineering - P.O. Box 43, Wageningen
IMV	CLO Institute for Livestock Nutrition "De Schothorst" - Schothorsterlaan 3, Hoogland (U.)
IOO	Institute for Ecological Research - Kemperbergerweg 11, Arnhem
IPO	Institute of Phytopathological Research - P.O. Box 42, Wageningen
IPS	Spelderholt Institute for Poultry Research - Beekbergen
IRS	Institute for Sugar Production - v. Wittoucksingel 34, Bergen op Zoom
ITAL	Institute for Atomic Sciences in Agriculture - P.O. Box 48, Wageningen
ITC	International Institute for Aerial Survey and Earth Sciences - P.O. Box 6, Enschede
IV	Inspectorate of Public Health - Dr. Reijerstraat 8, Leidschendam
IVH	Research Institute for Livestock Nutrition - Runderweg 2, Lelystad
IVO	Schoonoord Research Institute for Animal Husbandry - Driebergseweg 10d, Zeist
IVRO	Institute for Research on Varieties of Field Crops - P.O. Box 32, Wageningen
IVT	Institute of Horticultural Plant Breeding - P.O. Box 16, Wageningen
KFNZ	Royal Netherlands Dairy Federation FNZ - Van de Spiegelstraat 16, The Hague
KIT	Royal Tropical Institute - Mauritskade 63, Amsterdam
KNAW	Royal Netherlands Academy of Sciences and Letters - Kloveniersburgwal 29, Amsterdam

KNHM	Royal Netherlands Land Development and Reclamation Society - Lovinklaan 1, Arnhem
KNMI	Royal Netherlands Meteorological Institute - Utrechtseweg 297, De Bilt
KNNV	Royal Netherlands Association of Natural History - Hoogwoud
KUN	Catholic University - Nijmegen
LB	Industrial Board for Agriculture - Raamweg 25-28, The Hague
LBNS	Agricultural Bureau of the Dutch Nitrogenous Fertilizer Industry - P.O.Box 6695, The Hague
LBO	Laboratory of Bulb Research - Vennestraat 22, Lisse-2160 AB.
LEI	Agr. Economics Research Institute - Conradkade 175, The Hague
LHAAB	Agricultural University: Department of Farm Management - "De Leeuwenborgh", Hollandseweg 1, Wageningen
LHAAG	Agricultural University: Department of Rural History - Hollandseseweg 1, Wageningen
LHAALB	Agricultural University: Department of General Agriculture - Agricultural Geography - Hollandseweg 1, Wageningen
LHAALH	Agricultural University: Department of Agricultural Economics - Hollandseweg 1, Wageningen
LHABB	Agricultural University: Library of the Agricultural University - Gen. Foulkesweg 1a, Wageningen
LHABC	Agricultural University: Department of Biochemistry - De Dreijen 6, Wageningen
LHABK	Agricultural University: Department of Soil Science - Duivendaal 10, Wageningen
LHABT	Agricultural University: Department of Forest Management, Silviculture and Forest Protection in the Tropics - Gen. Foulkesweg 64, Wageningen
LHABTB	Agricultural University: Department of Forest Utilization, Forest Policy, Tropical Forest History and Forest Inventory - Gen. Foulkesweg 64, Wageningen
LHAC	Agricultural University: Department of Land Drainage and Land Improvement - Nieuwe Kanaal 11, Wageningen
LHAD	Agricultural University: Department of Zoology - Hollandseweg 13, Wageningen
LHAE	Agricultural University: Department of Entomology - P.O.Box 62, Wageningen
LHAEL	Agricultural University: Department of Genetics - Gen. Foulkesweg 55, Wageningen
LHAF	Agricultural University: Department of Phytopathology - P.O.Box 85, Wageningen
LHAFD	Agricultural University: Department of Animal Physiology - Haarweg 10, Wageningen
LHAFK	Agricultural University: Department of Physical and Colloid Chemistry - De Dreijen 6, Wageningen
LHAG	Agricultural University: Department of Tillage - Diedenweg 20, Wageningen
LHAGL	Agricultural University: Department of Health Sciences (incl. Tropical Hygiene) - De Dreijen 11, Wageningen

LHAH	Agricultural University: Department of Home Economics - P.O.Box 61, Wageningen
LHAHGL	Agricultural University: Department of Silviculture in the Temperate Zone - Gen. Foulkesweg 64, Wageningen
LHAHL	Agricultural University: Department of Hydraulics - Nieuwe Kanaal 11, Wageningen
LHAIB	Agricultural University: Department of Business Administration - Gen. Foulkesweg 55, Wageningen
LHAL	Agricultural University: Department of Air Pollution - Binnenhaven 12, Wageningen
LHALA	Agricultural University: Department of Landscape Architecture - Wilhelminaweg 1, Wageningen
LHALPG	Agricultural University: Department of Field Crops and Grassland Husbandry - Haarweg 33, Wageningen
LHALBS	Agricultural University: Department of Soils and Fertilizers - De Dreijen 3, Wageningen
LHALHT	Agricultural University: Department of Development Economics - Hollandseweg 1, Wageningen
LHALM	Agricultural University: Department of Surveying - Hesselink van Suchtelenweg 6, Wageningen
LHALMT	Agricultural University: Department of Food Science - De De Dreijen 12, Wageningen
LHALT	Agricultural University: Department of Agricultural Engineering - Mansholtlaan 12, Wageningen
LHAM	Agricultural University: Department of Microbiology - Hesselink van Suchtelenweg 4, Wageningen
LHAMB	Agricultural University: Department of Molecular Biology - De Dreijen 11, Wageningen
LHAMM	Agricultural University: Department of Marketing and Marketing Research - Hollandseweg 1, Wageningen
LHAN	Agricultural University: Department of Nematology - Binnenhaven 10, Wageningen
LHANB	Agricultural University: Nature Conservation Department - Marijkeweg 15, Wageningen
LHANW	Agricultural University: Department of Physics and Meteorology - Duivendaal 2, Wageningen
LHAOC	Agricultural University: Department of Organic Chemistry - De Dreijen 5, Wageningen
LHAPK	Agricultural University: Department of Botany - Arboretumlaan 4, Wageningen
LHAPN	Agricultural University: Department of Town and Country Planning - Wilhelminaweg 1, Wageningen
LHAPO	Agricultural University: Department of Plant Physiological Research - Gen. Foulkesweg 72 & Arboretumlaan 4, Wageningen
LHAPS	Agricultural University: Department of Plant Taxonomy and Plant Geography - Gen. Foulkesweg 37, Wageningen
LHAPV	Agricultural University: Department of Poultry Husbandry - Middelbuurtseweg 9, Rhenen (post Veenendaal)

LHARSN	Agricultural University: Department of Jurisprudence and Political Science of the non-Western Countries, including Agricultural Cooperative and Credit System - Hollandseweg 1, Wageningen
LHARSW	Agricultural University: Department of Jurisprudence and Political Science of the Western Countries - Hollandseweg 1, Wageningen
LHAS	Agricultural University: Department of Rural Sociology and Sociography - Hollandseweg 1, Wageningen
LHASH	Agricultural University: Department of Economics - Hollandseweg 1, Wageningen
LHASN	Agricultural University: Department of Rural Sociology and Sociography of the Tropics and Subtropics - Hollandseweg 1, Wageningen
LHAT	Agricultural University: Department of Toxicology - De Dreijen 12, Wageningen
LHATP	Agricultural University: Department of Tropical Crop Husbandry - Prof. Ritzema Bosweg 32, Wageningen
LHATPT	Agricultural University: Department of Horticulture - Haagsteeg 3, Wageningen
LHATT	Agricultural University: Department of Theoretical Production Ecology - De Dreijen 3, Wageningen
LHAV	Agricultural University: Department of Virology - Binnenhaven 11, Wageningen
LHAVL	Agricultural University: Department of Extension Education - Heerenstraat 25, Wageningen
LHAVO	Agricultural University: Department of Food and Nutrition - Ritzema Bosweg 32a, Wageningen
LHAVP	Agricultural University: Department of Plant Ecology - De Dreijen 11, Wageningen
LHAVT	Agricultural University: Department of Animal Husbandry - Duivendaal 5, Wageningen
LHAVV	Agricultural University: Department of Animal Feeding - Haagsteeg 4, Wageningen
LHAWK	Agricultural University: Department of Mathematics - De Dreijen 8, Wageningen
LHAWW	Agricultural University: Department of Irrigation and Civil Engineering - Nieuwe Kanaal 11, Wageningen
LHAWZ	Agricultural University: Department of Water Purification - De Dreijen 12, P.O.Box 62, Wageningen
LHAZM	Agricultural University: Department of Dairying - De Dreijen 12, Wageningen
LHB	Agricultural University: Board of Governors of the Agricultural University - Salverdaplein 10, Wageningen
LHBSW	Agricultural University: Biological Station - Kampsweg 27, Wijster
LHIVP	Agricultural University: Department of Plant Breeding - Lawickse Allee 166, Wageningen
LIO	Laboratory for Insecticides Research - Marijkeweg 22, Wageningen

LPS	Agricultural Experiment Station in Surinam - Paramaribo (Surinam)
MLV	Ministry of Agricultural and Fisheries - Bezuidenhoutseweg 73, The Hague
MLVV	Ministry of Agriculture, Animal Husbandry and Fisheries - Paramaribo (Surinam)
MOC	Research Centre for Milk Hygiene - Duivendaal 6, Wageningen
MVM	Ministry of Public Health & Environment Hygiene - Dr. Reijerstraat 8-12, Leidschendam
NAK	Netherlands General Inspection Service for Agricultural Seeds and Seed Potatoes - P.O.Box 5, Wageningen
NAKB	Netherlands General Inspection Service for Nursery Trees - Groot Hertoginnelaan 192, The Hague
NAKG	Netherlands General Inspection Service for Vegetable and Flower Seeds - Laan Copes van Cattenburch 56, The Hague
NAKS	Netherlands General Inspection Service for Ornamentals - Groot Hertoginnelaan 192, The Hague
NEI	Netherlands Economic Institute, Burgemeester Oudlaan 50, Rotterdam
NIBEM	National Institute for Malting barley, Malt and Beer - Utrechtseweg 46, Zeist
NIOZ	Netherlands Institute for Sea Research - 't Horntje, P.O.Box 59, den Hoorn, Texel
NIWARS	Netherlands Interdepartmental workinggroup for the application of remote sensing techniques - Kanaalweg 3, Delft
NIZO	Netherlands Institute for Dairying Research - P.O.Box 20, Ede
NKF	Netherlands Fertilizer Federation - Hogeweg 16, The Hague
OVB	Organization for the Improvement of Inland Fisheries - Stadhouderslaan 53, Utrecht
PAGV	Research Station for Arable Farming and for Vegetable Growing in the Open - Edelhertweg 1, Lelystad
PBN	Research Station for Floriculture in the Netherlands - Linnaeuslaan 2A, Aalsmeer
PBO	Research Station for Arboriculture - Valkenburgerlaan 3, Boskoop
PC	Research Station for Mushroom Growing - Peelheideweg - Horst-America (L.), Postbus 6042, Horst (L.)
PD	Plant Protection Service - Geertjesweg 15, Wageningen
PDPB	Philip-Duphar, Boekesteyn Experimental Garden - Zuidereinde 419, 's-Graveland
PDW	Philips-Duphar, C.J. van Houtenlaan 36, Weesp
PF	Research Station for Fruit Growing - Wilhelminadorp (post Goes)
PFL	Flevoland Experimental Farm of the Landbouwhogeschool - P.O. Box 26, Dronten
PGF	Glasshouse Crops Research and Experiment Station - Zuidweg 38, Naaldwijk
PLUVA	Foundation for Research of Poultry and Pigs, Utrechtseweg 371, Amersfoort
PLWCS	W. Commelin-Scholten Phytopathological Lab. - Javalaan 20, Baarn

PR	Research Station foor Cattle Husbandry - Runderweg 6, Lelystad
PUDOC	Centre for Agricultural Publishing and Documentation - P.O.Box 4, Wageningen
PVS	Commodity Board for Ornamental Crops - P.O.Box 361, The Hague
PZ	Commodity Board for Dairying - Winston Churchilllaan 275, Rijswijk (Z.H.)
RAAD	State Service for Dairy and Agricultural Effluent - Kemperbergerweg 11, Arnhem
RBL	Government Research Institute for Forestry and Landscape building "De Dorschkamp" - P.O.Box 23, Wageningen
RGD	Rijks Geologische Dienst, Postbus 157, Haarlem
RIDV	State Institute for the supply of drinking water, Parkweg 13, The Hague
RIN	Research Inst. for Nature Management - Kemperbergerweg 11, Arnhem
RIV	State Institute of Public Health - Postbus 1, Bilthoven
RIVO	National Fisheries Research Institute - Haringkade 1, IJmuiden
RIVRO	State Institute for Research on Varieties of Cultivated Plants - P.O.Box 32, Wageningen
RIZA	State Institute for Purification of Effluent - Westeinde 3a, Voorburg
RLD	Directorate General of Agriculture: State Agricultural Advisory Service - Bezuidenhoutseweg 73, The Hague
RPD	National Service of Town and Country Planning - Lange Voorhout 19, The Hague
RPZ	Government Seed Testing Station - Binnenhaven 1, Wageningen
RUG	State University - Groningen
RUL	State University - Leiden
RUU	State University - Utrecht
RUUFD	State University, Utrecht: Faculty of Veterinary Medecine - Biltstraat 172, Utrecht
RW	State Public Works - Van Hogenhoucklaan 60, The Hague
RIJ	IJsselmeer Polders Development and Settlement Authority - Zuiderwagenplein 2, Lelystad
RZ	State Dairy Station - Veerwijkstraat 12b, Leiden
SBB	Directorate General of Agriculture: State Forest Management - Museumlaan 2, Utrecht
SBO	Foundation for Blood Group Studies in Animals - Lawickse Allee 13, Wageningen
SDO	Veterinary Research Trust - Postbus 65, Lelystad
SGP	Poultry Health Service - Oude Rijksstraatweg 43, Doorn
SI	Sprenger Research Institute for Storage and Processing of Horticultural Produce - P.O.Box 17, Wageningen
SMLS	Foundation for Development of Mechanized Agriculture in Surinam
SNUIF	Netherlands Onion Federation Trust - P.O.Box 68, Middelharnis
SNVV	Foundation for Growing and Processing of Flax in the Netherlands - P.O.Box 26, Wageningen

STIBOKA	Netherlands Soil Survey - P.O. Box 98, Wageningen
SVP	Foundation for Agricultural Plant Breeding - P.O. Box 117, Wageningen
SVA	Foundation for Removing Refuse matter, Utrechtseweg 223, Amersfoort
TFDL	Technical and Physical Engineering Research Service - Mansholtlaan 12, Wageningen
THD	Technological University - Delft
THE	Technological University - Eindhoven
THT	Technological University - Enschede
TNO	Central organization for Research in the Applied Sciences - P.O. Box 297, The Hague
URL	Unilever Research Laboratories - P.O. Box 114, Vlaardingen
VAM	Garbage-Disposal Company - J. Obrechtstraat 67, Amsterdam
VBNN	Society for Nature Conservation in the Netherlands - Herengracht 540, Amsterdam
VD	Directorate General of Agriculture: Veterinary Service - Koningin Julianaplein 3, The Hague
VUA	Free University - Amsterdam
VV	Education Bureau for Food and Nutrition - Laan Copes van Cattenburch 44, The Hague
ZWO	Netherlands Organization for the Advancement of Pure Research - J. van Stolberglaan 148, The Hague

M 1819 Elema, H.M. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Machines for pulling potato haulm.) Looftrekkers in aardappelen. Landbouwmechanisatie (1977)28(3) p. 271-273. Dutch, with English summary.

M 1820 Gmelig Meyling, H.D. (CABO). (Report of investigations in oats, relating to productivity causes and expectations on hand of physiological information.) Verslag van onderzoekingen bij haver, betreffende produktiviteitsoorzaken en -verwachtingen aan de hand van fysiologische informatie. Verslag no. 6, Centrum voor Agrobiologisch Onderzoek, Wageningen, 1976. pp. 32. Dutch.

M 1821 Hendriks, H. (RUG); Os, F.H.L. van & Feenstra, W.J. Crossing experiments between some chemotypes of Mentha longifolia and Mentha suaveolens. Planta Medica (1976)30(2) p. 154-162. Refs. 25. English.

M 1822 Hesen, J.C. (IBVL). Aims,achievements and future plans regarding research projects in the interest of the European Potato Chip Industry. Publikaties IBVL no. 293, Wageningen, 1976. pp. 39. Refs. 23. English.

M 1823 Heijbroek, W. (IRS). (Ways to prevent damage by the beet eelworm.) Mogelijkheden om schade door het bietecystenaaltje te voorkomen. Bedrijfsontwikkeling (1977)8(5) p. 451-456. Dutch, with Dutch summary.

M 1824 Hiddema, J. (NAK) & Koster, H. (Factors influencing flowering in rapeseed.) Factoren die de bloei van koolzaadrassen beïnvloeden. Zaadbelangen (1976)30(1) p. 12-14. Dutch.

M 1825 Hofstra, J.J. (RUG) & Stienstra, A.W. Growth and photosynthesis of closely related C_3 and C_4 grasses, as influenced by light intensity and water supply. Acta Botanica Neerlandica (1977)26(1) p. 63-72. Refs. 13. English.

M 1826 Hoof, H.A. van. (IPO). Determination of the infection pressure of potato virus YN. Netherlands Journal of Plant Pathology (1977)83(3) p. 123-127. Refs. 6. English, with English and Dutch summaries.

M 1827 Hoof, H.A. van. (IPO). (Partition of virus infection on the potato field.) De verdeling van virusbesmetting over het aardappelveld. NAK-Mededelingen (1977)33(2-3) p. 41. Refs. 4. Dutch.

M 1828 Huber, R. (LHAMB) et al. Cowpea mosaic virus infection of protoplasts from Samsun tobacco leaves. The Journal of General Virology (1977)34(2) p. 315-323. Refs. 18. English.

M 1829 Kampen, W.H. (Louisiana State University, Box 23572, Baton Rouge, La., U.S.A., 70803). (Important molasses fermentations.) Belangrijke melassevergistingen. Voedingsmiddelentechnologie (1975)8(51) p. 13-15. Dutch.

M 1830 Kempers, A.J. (KUN). Determination of the C/N ratio in a chromic acid soil digest. Plant and Soil (1977)46(3) p. 699-703. Refs. 7. English, with English summary.

M 1831 Koedam, A. (RUL). (Plantago - history and use.) Oude en nieuwe facetten van Plantago. Pharmaceutisch Weekblad (1977)112(10) p. 246-252. Refs. 23. Dutch, with English summary.

M 1832 Konink, K. de (IMAG) & Leeuwerke, H.B. (Straw harvest with a round-baler.) Het oogsten van stro met de oprolpers. Landbouwmechanisatie (1977)28(5) p. 497-501. Dutch, with English summary.

M 1833 Krijthe, N. (IBVL). (Studies on sprout growth of seed potatoes.) Onderzoek over de groei van kiemen op pootaardappelen. Publikaties IBVL no. 295, Wageningen, 1977. pp. 55. Refs. 12. Dutch, with Dutch summary.

M 1834 Kuizenga, J. (PAGV). (Nitrogen fertilization and disease control in winter barley.) Stikstofbemesting en ziektebestrijding bij wintergerst. Bedrijfsontwikkeling (1977)8(2) p. 172-174. Dutch, with Dutch summary.

M 1835 Kuur, R. v.d. (Consulentschap voor de Rundveehouderij en de Akkerbouw voor N.W.-Friesland, Postbus 2004, Leeuwarden). (Mechanical grassland improvement in south-west Friesland - Netherlands - attitude increased, farm results improved.) Mechanische graslandverbetering in zuid-west-Friesland. Belangstelling nam toe, bedrijfsresultaten verbeterden. Stikstof (1977)8(85) p. 22-27. Dutch.

M 1836 Lalkens, R.H. (PAGV). (50% potatoes on arable farms on clay soil?) 50% aardappelen in de klei-akkerbouw? Bedrijfsontwikkeling (1977) 8(1) p. 69-72. Dutch, with Dutch summary.

M 1837 Leeuwen, P.H. van (CABO) & Oorschot, J.L.P. van. Effects of some phenylurea herbicides on photosynthesis of two wheat varieties. Weed Research (1976)16(1) p. 11-14. Refs. 9. English.

M 1838 Lion, J. (RUU). A method to study the influence of light on the production of auxin by tips of Avena coleoptiles. Acta Botanica Neerlandica (1977)26(2) p. 187-189. English.

M 1839 Lof, H. (LHATT). Water use efficiency and competition between arid zone annuals, especially the grasses Phalaris minor and Hordeum murinum. Agricultural Research Reports no. 853, Pudoc, Wageningen, 1976. pp. 109. Refs. 41. English. ISBN 90 220 06050.

M 1840 Loo, L. van. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Mechanization possibilities on ensiling of predried grass in riding silos, trench silos and tower silos.) Mechanisatiemogelijkheden bij het inkuilen van voorgedroogd gras in rijkuilen, sleufsilo's en torensilo's. Bedrijfsontwikkeling (1977)8(3) p. 229-239. Dutch.

M 1841 Loon, C.D. van (PAGV). (Quality classification and paying to quality of ware potatoes.) Kwaliteitsindeling en uitbetaling naar kwaliteit van consumptieaardappelen. Bedrijfsontwikkeling (1977) 8(5) p. 461-464. Dutch.

M 1842 Luten, W. (PR). (Tall fescue, a grass species for connoisseurs.) Rietzwenkgras, een grassoort voor fijnproevers. Bedrijfsontwikkeling (1977)8(5) p. 435-438. Refs. 5. Dutch.

M 1843 Maas Geesteranus, H.P. (IPO) & Vruggink, H. Erwinia carotovora (Jones) Bergey et al. var. atroseptica (Hellmers et Dowson) Dye. Seed tuber infection versus symptom expression in the field. EPPO (European and Mediterranean Plant Protection Organization) Bulletin (1976)6(4) p. 223-224. English, with French summary.

M 1844 Mennes, A.M.; Voogt, E. & Libbenga, K.R. (RUL). The isolation of nuclei from cultured tobacco pith explants. Plant Science Letters (1977)8(3) p. 171-177. Refs. 14. English, with English summary.

M 1845 Meijer, E.N.C. (IMAG) & Frederiks, J. (New planting machine for machinal planting of presprouted seed potatoes.) Neue Legemaschine zum maschinellen Legen vorgekeimter Kartoffeln. Der Kartoffelbau (1977)28(2) p. 42-43. German.

M 1846 Meijers, C.P. (IBVL); Rastovski, A. & Schooneveld, B. (Transport of (seed)potatoes in refrigeration vans with residual ice.) Transport van (poot)aardappelen in koelwagens met residu-ijs. NAK-Mededelingen (1977)33(2/1) p. 46-48. Dutch.

M 1847 Mol, L.A. (LHALPG). (LHALPG; experimental farm. Annual report 1975.) LHALPG; proefbedrijf. Jaarverslag 1975. Landbouwhogeschool - Vakgroep Landbouwplantenteelt en Graslandcultuur; Meded.No.43. Wageningen, 1976. pp. 33 + App. Dutch.

M 1848 Nettancourt, D. de; Eriksson, G.; Lindgren, D. & Puite, K.J. (ITAL). Effects of low doses by different types of radiation on the waxy locus in barley and maize. Hereditas (1977)85(1) p. 89-100. Refs. 35. English.

M 1849 Os, F.H.L. van (RUG) & Elema, E.T. (Assessment of Thymi Herba and its galenical preparations. (I).) De beoordeling van Thymi Herba en daaruit bereide preparaten. (I). Pharmaceutisch Weekblad (1977)112(23) p. 557-562. Refs. 10. Dutch, with English summary.

M 1850 Overvest, J. (PR). (Dry matter losses during the field period - herbage harvesting - experiments at the regional research centers Heino and Zegveld and at the C.R. Waiboerhoeve at Lelystad.) Droge-stofverliezen tijdens de veldperiode. Proeven op de regionale onderzoekcentra Heino en Zegveld en op de C.R. Waiboerhoeve te Lelystad. PR-Rapport no. 49, Lelystad, 1977. pp. 21. App. Refs. 8. Dutch, with English summary. Price ƒ 5,--.

M 1851 Parlevliet, J.E. (LHIVP). Variation for partial resistance in a cultivar of rye, Secale cereale, to brown rust, Puccinia recondita f.sp. recondita. Cereal Rusts Bulletin (1977)5(1) p. 13-16. Refs. 5. English.

M 1852 Parlevliet, J.E. & Kuiper, H.J. (LHIVP). Resistance of some barley cultivars to leaf rust, Puccinia hordei; polygenic, partial resistance hidden by monogenic hypersensitivity. Netherlands Journal of Plant Pathology (1977)83(2) p. 85-89. Refs. 10. English, with English and Dutch summaries.

M 1853 Pleij, C.W.A. (RUL) et al. The formation of fast-sedimenting turnip yellow mosaic virus RNA structural rearrangement inside the capsid. Virology (1977)76(2) p. 781-786. Refs. 11. English.

M 1854 Postmus, J. (IB). (Nitrogen fertilization of grassland, 14: the time of spreading nitrogen in the spring of 1976.) De stikstofbemesting van grasland, 14: het tijdstip van stikstof strooien in het voorjaar van 1976. Stikstof (1977)8(85) p. 4-8. Dutch, with Dutch summary.

M 1855 Preuter, H. (PAGV). (Production, use and economic significance of cereal straw.) Produktie, verbruik en bedrijfseconomische betekenis van graanstro. Bedrijfsontwikkeling (1977)8(1) p. 77-79. **Dutch, with Dutch summary.**

M 1856 (Research actualities at regional arable farming experimental farms in 1977.) (PAGV). Onderzoek-actualiteiten op regionale akkerbouwproefboerderijen in 1977. Bedrijfsontwikkeling (1977)8(5) **p. 465-478. Dutch.**

M 1857 Ridder, J.K.(PAGV).(Aspersion irrigation of potatoes on clay soil.) Beregenen bij pootaardappelen op kleigrond. Bedrijfsontwikkeling **(1977)8(5) p. 457-460. Dutch.**

M 1858 Roozeboom, L. & Luten, W. (PR). (The effect of mowing with cutter bar and rotary mower with three stubble lenghts on the yield and botanical composition of the sward.) Het effect van maaien met maaibalk en cirkelmaaier bij verschillende stoppellengten en maaistadia op de opbrengst en botanische samenstelling van grasland. Rapporten - Proefstation voor de Rundveehouderij no. 47, Lelystad, 1976. pp. 39. Refs. 23. Dutch, with English and Dutch **summaries. Price ƒ 5,--.**

M 1859 Rozema, J. (VUA) & Blom, B. Effects of salinity and inundation on the growth of Agrostis stolonifera and Juncus gerardii. The Journal of Ecology (1977)65(1) p. 213-222. Refs. 31. English.

M 1860 Schepers, A.; Bus, C.B.(PAGV); Bokx, J.A. de & Cuperus, C. (The spread of YN-virus in potatoes.) De verspreiding van YN-virus in aardappelen. Landbouwkundig Tijdschrift (1977)89(5) p. 123-128. **Refs. 9. Dutch, with Dutch summary.**

M 1861 Scholte, K. (LHALPG). (The effect of second-growth on the production pattern of a potato crop.) De invloed van secundaire knolgroei - doorwas - op het produktiepatroon van een aardappelgewas. Bedrijfsontwikkeling (1977)8(3) p. 261-269. Refs. 6. Dutch, with **Dutch summary.**

M 1862 Schukking, S. (PR). (Outlook on the processing of straw for cattle food.) Ontsluiting van stro. Landbouwmechanisatie (1977)28(2) **p. 121-124. Dutch, with English summary.**

M 1863 Snijders, P.J.M. (PR). (Zero grazing with fresh grass. Too limited acreage, bad allotment or soft soil?) Zomerstalvoedering met vers gras. Te weinig land, slechte verkaveling of slappe grond? Landbouwmechanisatie (1977)28(5) p. 515-518. Dutch, with English **summary.**

M 1864 Sparenberg, H. (IBVL). Identification of irradiated potatoes. IBVL-Publikatie No. 289 (ITE-Report No. 84). Wageningen, 1976. pp. 14. Refs. 2. English.(ITE Commission of the European **Communities, Eurisotop Office.)**

M 1865 Steenbergen, T. van. (CABO). (Effect of soil type and year on the effect of nitrogen fertilization on the yield of grassland.) Invloed van grondsoort en jaar op het effekt van stikstofbemesting op de graslandopbrengst. Stikstof (1977)8(85) p. 9-15. Refs. 6. Dutch, **with English summary.**

M 1866 Stigter, C.J.; Birnie, J. & Jansen, P. (LHANW). Multipoint temperature measuring equipment for crop environment, with some results on horizontal homogeneity in a maize crop, 1: field results. Netherlands Journal of Agricultural Science (1976)24(4) p. 223-237. Refs. 49. English, with English summary.

M 1867 Stubbs, R.W. (IPO). Observations on horizontal resistance to yellow rust (Puccinia striiformis f.sp.tritici) - in wheat. Cereal Rusts Bulletin (1977)5(1) p. 27-32. Refs. 6. English.

M 1868 Stubbs, R.W. (IPO). (Twenty years of yellow rust control in wheat in the Netherlands.) Twintig jaar bestrijding van gele roest in tarwe in Nederland. Gewasbescherming (1977)8(2) p. 35-44. Refs. 31. Dutch.

M 1869 Thio, G.L. (KIT). (The production of cane and beet sugar - agronomy, technology and economics.) De produktie van biet- en rietsuiker. Natuur en Techniek (1977)45(4) p. 228-247. Refs. 10. Dutch.

M 1870 Tjong Sie Fat, L. (RUL). Contribution to the knowledge of cyanogenesis in angiosperms. 1. Communication. Cyanogenesis in some grasses (Poaceae (= Gramineae)). Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C (1977)80(3) p. 227-237. Refs. 41. English.

M 1871 Ubels, E. (IPO). (Ustilago in wheat and barley.) Stuifbrand in tarwe en gerst. Gewasbescherming (1977)8(2) p. 45-53. Refs. 7. Dutch.

M 1872 Velde, H.A. te. (PAGV). (Sorghum as a forage crop.) Sorghum als groenvoedergewas. Bedrijfsontwikkeling (1977)8(4) p. 327-332. Refs. 19. Dutch, with Dutch summary.

M 1873 Visser, J.H. & Nielsen, J.K. (LHAE). Specificity in the olfactory orientation of the Colorado beetle, Leptinotarsa decemlineata. Entomologia Experimentalis et Applicata (1977)21(1) p. 14-22. Refs. 21. English, with German and English summaries.

M 1874 Willemsen, W. (PR). (Reseeding of grassland in river forelands.) Herinzaai van grasland in uiterwaarden. Rapporten - Proefstation voor de Rundveehouderij no. 46, Lelystad, 1977. pp. 32. Refs. 6. Dutch, with English and Dutch summaries. Price ƒ 5,--.

FORESTRY

(Also Nos M 1419, 1420, 1428, 1475, 1485, 1547, 1624, 1628, 1634, 1943, 2044, 2048, 2070, 2081, 2181, 2270, 2275, 2279, 2281, 2282, 2283, 2287, 2305)

M 1875 Bannink, J.F. (STIBOKA). (The suitability of soils for "semi-spontaneous" forest.) De bodemgeschiktheid voor "semi-spontaan" bos. Nederlands Bosbouw Tijdschrift (1977)49(2) p. 93-109. Refs. 10.Dutch.

M 1876 Berg, C.C. (RUU). The Castilleae, a tribe of the Moraceae, renamed and redefined due to the exclusion of the type genus Olmedia from the "Olmedieae". Acta Botanica Neerlandica (1977)26(1) p. 73-82. Refs. 26. English.

M 1877 Blankwaardt, H.F.H. (RIN). (The occurrence of plagues caused by the heather-beetle (Lochmaea saturalis Thomson) in the Netherlands since 1915.) Het optreden van plagen van de heidekever (Lochmaea suturalis Thomson) in Nederland sedert 1915. Entomologische Berichten (1977)37(3) p. 33-40. Refs. 25. Dutch, with English summary.

M 1878 Boois, H.M. de. (RIN). Fungal development on oak leaf litter and decomposition potentialities of some fungal species. Revue d'Écologie et de Biologie du Sol (1976)13(3) p. 437-448. Refs. 18. English.

M 1879 Burg, J. van den. (RBL). (Growth of the Aigeiros poplar and the N-content of organic substances in the soil.) De groei van Aigeiros populier en het N-gehalte van de organische stof in de bodem. Rapporten - Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw "De Dorschkamp" no. 99, Wageningen, 1976. pp. 23. Refs. 14. Dutch, with Dutch summary.

M 1880 Burg, J. van den. (RBL). (Zinc and sulphur content of deciduous trees at the Veluwe - Netherlands.) Zink- en zwavelgehalten van loofhoutsoorten op de Veluwe. Rapporten - Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw "De Dorschkamp" no. 93, Wageningen, 1976. pp. 13. Refs. 11. Dutch, with Dutch summary.

M 1881 Burg, J. van den. (RBL). (Zinc excess and magnesium deficiency of beech, pedunculate oak, red oak and Scots pine in Eastern North-Brabant and Western Limburg - Netherlands.) Zinkovermaat en magnesiumgebrek bij beuk, zomereik, Amerikaanse eik en groveden in Oost-Noord-Brabant en West-Limburg. Uitvoerig Verslag "De Dorschkamp" no. 14(1), Wageningen, 1976. pp. 36. Refs. 74. Dutch, with Dutch and English summaries.

M 1882 Daamen, W.P. (RBL). (Spontaneous forest development on artificial soils and abandoned agricultural soils.) Onderzoek naar de spontane bosvorming op opgespoten terreinen, drooggelegde gebieden en verlaten akker- en weidegronden. Uitvoerig Verslag - "De Dorschkamp" no. 14(2), Wageningen, 1976. pp. 39. Refs. 59. Dutch, with English summary.

M 1883 Dik, E.J. & Jager, K. (RBL). (Choice of tree species in afforestation of dry, former arable land.) Boomsoortenkeuze bij de bebossing van droge landbouwgronden. Nederlands Bosbouw Tijdschrift (1977)49(3) p. 131-137. Refs. 9. Dutch, with English summary.

M 1884 Doom, D. (RBL). (Damage by insects and mites on poplar and willow in 1976 and control method of Paranthrene tabaniformis.) Aantastingen door insekten en mijten op populier en wilg in 1976 en bestrijdingswijze van de populierglasvlinder. Populier (1977)14(2) p. 45. Dutch.

M 1885 Es, E. van. (ITC). The dry deciduous forests of Bastar, Central India, on LANDSAT-1. ITC Journal (1976)(2) p. 332-340. Refs. 4. English.

M 1886 Faber, P.J. (RBL). (Growing space experiment of Populus "Dorschkamp".) Onderzoek naar de ruimte-behoefte van de Populus "Dorschkamp" in Oostelijk Flevoland. Populier (1977)14(2) p. 31-38. Refs. 8. Dutch, with English and Dutch summaries.

M 1887 Frankenhuyzen, A. van (Linders-Adremo BV, Oosterbeek) & Freriks, J.M. (The in the Netherlands occurring Phyllonorycter species on Alnus.) De in Nederland voorkomende Phyllonorycter-soorten op Alnus. De Levende Natuur (1976)79(12) p. 264-273. Refs. 7. Dutch.

M 1888 Gremmen, J. (RBL). Fungi colonizing living and dead tissue of Pinus sylvestris and P. nigra. Kew Bulletin (1977)31(3) p. 455-460. Refs. 2. English.

M 1889 Gremmen, J. (RBL) & Kam, M. de. Ceratocystis fimbriata, a fungus associated with poplar canker in Poland. European Journal of Forest Pathology (1977)7(1) p. 44-47. Refs. 10. English, with French and German summaries.

M 1890 Greven, H.C. (Franz Lisztlaan 26, Voorschoten). (Hookeria lucens (Hedw.) Sm. in the Netherlands - in sandy seepage areas in forest.). Hookeria lucens (Hedw.) Sm. in Nederland. Lindbergia (1976)3(3-4) p. 316-317. Refs. 12. Dutch, with English summary.

M 1891 Hees, A.F.M. van & Wijngaard, J.K.R. van den. (RBL). (Project study land division Midden-Brabant - Netherlands. History of forest and forest types in Midden-Brabant.) Projectstudie landinrichting Midden-Brabant. Bosgeschiedenis en bostypen van Midden-Brabant. Rapporten - Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw "De Dorschkamp" no. 98, Wageningen, 1976. pp. 37. Refs. 58. Map. Dutch.

M 1892 Hovenkamp, P.H. (Hooigracht, 11, Leiden) & Schaik, C.P. van. (Changes in the Musci flora of the Fazantenbos near De Steeg - province of Gelderland.) Veranderingen in de mosflora van het Fazantenbos bij De Steeg. Lindbergia (1976)3(3-4) p. 318-322. Refs. 11. Dutch, with English summary.

M 1893 Jülich, U. (RUL). (On the morphology of Saccoblasti pinicola and S. sebacea.) Zur Morphologie von Saccoblastia pinicola und S. sebacea. Persoonia (1976)9(1) p. 39-48. Refs. 24. German, with English summary.

M 1894 Kam, M. de. (RBL). Erwinia salicis: its metabolism and variability in vitro, and a method to demonstrate the pathogen in the host. Antonie van Leeuwenhoek (1976)42(4) p. 421-428. Refs. 9. English.

M 1895 Laar, H.J. van de. (PBN). (Assortment of Erica carnea.) Het sortiment Erica carnea. Groen (1975)31(12) p. 365-366. Dutch.

M 1896 Leek, N.A. (RBL). (Safety conditions for the motor chain saw.) Veiligheidseisen voor de motorkettingzaag. De Veiligheid (1977) 53(5) p. 219-220. Dutch.

M 1897 Leek, N.A. (RBL). (Vibrations in motor chain saws and forest mowers.) Trillingen bij motorkettingzagen en bosmaaiers. De Veiligheid (1977)53(5) p. 221-223. Refs. 7. Dutch.

M 1898 Lynden, K.R. van. (STIBOKA). (The suitability of soils for forestry.) De bodemgeschiktheid voor bosbouw. Nederlands Bosbouw Tijdschrift (1977)49(2) p. 89-92. Dutch.

M 1899 Luitjes, J. (RBL). (Development of insects in coniferous trees damaged by the gales of November 1972 and April 1973.) De ontwikkeling van insekten in naaldhout vernield door de stormen van november 1972 en april 1973. Nederlands Bosbouw Tijdschrift (1977)49(1) p. 10-26. Dutch, with English summary.

M 1900 Medenbach de Rooy, H. van. (LHABTB). (Historical forestry equipment used in Dutch forestry in the period 1875-1950.) Van Mallejan tot Boschwroeter; Werktuigen en gereedschappen, gebruikt in de Nederlandse bosbouw in de periode 1875-1950. Wageningen. L.H. 1977. pp. 97. Refs. Dutch.

M 1901 Mekkink, P. & Hurk, J.A. van der. (STIBOKA). (Forestry Bakkeveen - Netherlands. Soil conditions.) Boswachterij Bakkeveen. Bodemgesteldheid en bodemgeschiktheid. Rapporten Stichting voor Bodemkartering no. 1233, Wageningen, 1976. pp. 81. Refs. 14. Maps. Dutch.

M 1902 Mennega, A.M.W. (RUU) & Lanzing-Vinkenborg, M. On the wood anatomy of the tribe "Olmedieae" (Moraceae) and the position of the genus Olmedia R. & P. Acta Botanica Neerlandica (1977)26(1) p. 1-27. Refs. 14. English.

M 1903 Niemann, G.J. (RUU) & Koerselman-Kooy, J.W. Phenolics from larix needles. XIII. Analysis of main Larix flavonoids by high-pressure liquid chromatography. Planta Medica (1977)31(3) p. 297-301. Refs. 11. English.

M 1904 Nijveldt, W. (LHAF). Notes on Cecidomyiidae, II.- on flowers and trees. Entomologische Berichten (1977)37(6) p. 88-92. Refs. 16. English.

M 1905 Oosterveld, P. (RIN). (Which forest management has to do with nature management - including grazing of animals.) Welk bosbeheer heeft wat met natuurbeheer te maken? Nederlands Bosbouw Tijdschrift (1977)49(4) p. 163-170. Refs. 3. Dutch.

M 1906 Pons, T.L. (RUU). An ecophysiological study in the field layer of ash coppice. I. Field measurements. Acta Botanica Neerlandica (1976)25(6) p. 401-416. Refs. 29. English.

M 1907 Pons, T.L. (RUU). An ecophysiological study in the field layer of ash coppice. II. Experiments with Geum urbanum and Cirsium palustre in different light intensities. Acta Botanica Neerlandica (1977)26(1) p. 29-42. Refs. 35. English.

M 1908 Pons, T.L. (RUU). An ecophysiological study in the field layer of ash coppice. III. Influence of diminishing light intensity during growth on Geum urbanum and Circium palustre. Acta Botanica Neerlandica (1977)26(3) p. 251-263. Refs. 10. English.

M 1909 Ruijter, H. de. (RBL). (A study of the relation between growth and stem form of black alder (Alnus glutinosa(L.) Gaertn) and soil conditions.) Een onderzoek naar het verband tussen groei en stamvorm van de zwarte els (Alnus glutinosa (L.) Gaertn) en de bodemgesteldheid. Rapporten - Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw "De Dorschkamp" no. 96, Wageningen, 1976. pp. 71. Refs. 27. Dutch, with Dutch summary.

M 1910 Rijsdijk, J.F. (TNO). (Dry matter production in some poplar clones and its determination by bore.) Droge stof produktie van enige populiere-klonen en de bepaling daarvan via boorkernen. Populier (1977)14(1) p. 22-24. Refs. 8. Dutch.

M 1911 Schaafsma, A.H. (RBL). (HSM winch in thinnings.) Inzet van de HSM lier in dunningen. Nederlands Bosbouw Tijdschrift (1977)49(3) p. 138-143. Dutch, with English summary.

M 1912 Schotveld, A. (SBB). (Developing a forest area in Southern Flevoland - Netherlands.) Het tot ontwikkeling brengen van een boscomplex in Zuidelijk Flevoland. Planning van bosaanplant door middel van de formulering van bedrijfsdoeltypen. Nederlands Bosbouw Tijdschrift (1977)49(2) p. 110-123. Refs. 9. Dutch, with Dutch summary.

M 1913 Sipkes, C. (Stichting Vakblad voor de Boomkwekerij, Prinses Beatrixlaan 100, Waddinxveen). (High wood in the coastal area.) Opgaand hout in de kuststreek. Groen (1977)33(2) p. 63-64. Dutch.

M 1914 Sonneveld, I.S. (ITC). (Classification and evaluation of forest, also with the aid of the spontaneous vegetation.) Classificeren en evalueren van bos mede met behulp van de spontane vegetatie. Nederlands Bosbouw Tijdschrift (1977)49(2) p. 44-65. Refs. 24. Dutch, with Dutch summary.

M 1915 Spierings, C.J.M. & Wolsink, G.H. (LEI). (The number of workers in service at owners and managers (exclusive municipalities) of forests and nature areas.) Het personeelsbestand in dienst bij eigenaren en beheerders (exclusief gemeenten) van bossen en natuurterreinen. Landbouw-Economisch Instituut, Mededelingen no. 160. The Hague, 1977. pp. 17. Dutch.

M 1916 Stalpers, J.A. (CBSC). Notes on Mycoacia - I. Persoonia (1976) 9(1) p. 145-148. Refs. 10. English.

M 1917 Steekelenburg, N.A.M. van. (IPO). (Phytophthora disease of Coniferae.) La maladie à Phytophthora des conifères. IPO-Mededeling no. 675, Wageningen, 1976. pp. 10. French.

M 1918 Stellingwerf, D.A. (ITC) & Benessalah, D. Mean annual volume growth from sequential volume determination on permanent aerial photographic plots. ITC Journal (1976)(2) p. 125-138. Refs. 4. English.

M 1919 Straten, J. van (LHAM); Akkermans, A.D.L. & Roelofsen, W. Nitrogenase activity of endophyte suspensions derived from root nodules of Alnus, Hippophaë, Shepherdia and Myrica supp. Nature (1977)266(5599) p. 257-258. Refs. 6. English.

M 1920 Vis, T. & Kolster, H.W. (STIBOKA). (Observations on the growth of some new poplar clones on sand and peat soils.) Ervaringen op zand- en veengronden met enkele nieuwe populiereklonen. Populier (1977)14(1) p. 3-14. Refs. 19. Dutch, with English and Dutch summaries.

M 1921 Wiebes-Rijks, A.A. (c/o Red. Entomologische Berichten, Oude IJsselstr. 12-III, Amsterdam). (The Dutch Andricus galls on oak-buds and catkins.) De Nederlandse meeldraad- en knopgallen van het genus Andricus Hartig (Hymenoptera, Cynipidae). Entomologische Berichten (1976)36(5) p. 68-73. Refs. 9. Dutch.

M 1922 Wijngaard, J.K.R. van den. (RBL). (Determining forest types in the Veluwe area - Netherlands.) Een bostypering van de Veluwse bossen. Nederlands Bosbouw Tijdschrift (1977)49(2) p. 66-78. Refs. 8. Dutch.

HORTICULTURE

(General horticulture, fruits, vegetables, ornamentals)

General horticulture

(Also Nos M 1436, 1794)

M 1923 (Agricultural University, Department of Horticulture. Annual Report 1975-1976.)(LHATPT). Landbouwhogeschool, Lab. voor Tuinbouwplantenteelt. Jaarverslag 1975-1976. LHATPT. Gestencild verslag nr. 150. Wageningen, 1976. pp. 61. Dutch.

M 1924 Beek, G. van (SI) & Verbeek, W. (Calculation of thermo-physical properties of horticultural produce from their composition.) Berekening van thermo-fysische eigenschappen van tuinbouwprodukten uit hun samenstelling. Sprenger Instituut - Rapport No. 1919. Wageningen, 1975. pp. 7. Refs. 9. Dutch.

M 1925 Boekel, P. (IB). (Consequences of bad weather conditions in the autumn of 1974 for soil and crop - in the Netherlands.) Gevolgen van de slechte weersomstandigheden in de herfst van 1974 voor grond en gewas. Bedrijfsontwikkeling (1977)8(1) p. 81-87. Refs. 8. Dutch, with English summary.

M 1926 Boers, A. (LEI). (The possibilities of formation of own fortune by younger farmers in the glass horticulture.) De mogelijkheden tot vorming van eigen vermogen door jongere ondernemers in de glastuinbouw. Bedrijfsontwikkeling (1977)8(3) p. 275-277. Refs. 2. Dutch.

M 1927 Elk, B.C.M. van (PBO). The use of fertilized and unfertilized peats of different origin for rooting cutting. Acta Horticulturae (1975)(50) p. 21-26. English.

M 1928 Germing, G.H. (IMAG). Industrial crop production. Acta Horticulturae (1975)(51) p. 343-348. Refs. 7. English.

M 1929 Gieling, T.H. & Meurs, W.T.M. van. (IMAG). (A survey of equipment for climate control in greenhouses.) Leidraad bij het aanschaffen van klimaatregelaars voor kassen. IMAG-Publikaties no. 78, Wageningen, 1977.pp. 39. Dutch, with English and Dutch summaries. Price ƒ 6,--.

M 1930 Gonlag, H.M. (SI). (Temperature evolution in stacks horticultural produce with temperature dependent heat production during chilling.) Temperatuurontwikkeling in stapels tuinbouwprodukten met temperatuurafhankelijke warmteproduktie tijdens koelen. Sprenger Instituut - Rapport no. 1916. Wageningen, 1975. pp. 76. Refs. 18. Dutch.

M 1931 (Institute of Horticultural Plant Breeding. Annual Report 1976. Research projects 1977.) (IVT). Jaarverslag 1976. Projecten van onderzoek 1977. IVT, Wageningen, 1977. pp. 59. Dutch, with English summary. Price ƒ 5,--.

M 1932 Jacobs, J.M. (PGF) & Meijaard, D. Economical prospects of protected cultivation. Acta Horticulturae (1975)(51) p. 349-361. Refs. 5. English.

M 1933 Nieuwenhuis, A. (MLV). (Energy policy for - Dutch - horticulture.) Het energiebeleid voor de tuinbouw. Bedrijfsontwikkeling (1977)8(5) p. 479-482. Dutch.

M 1934 Sonneveld, C. (PGF) & Voogt, S.J. The effect of steam sterilisation of soil on the manganese uptake by glasshouse crops. Acta Horticulturae (1975)(51) p. 311-319. Refs. 14. English.

M 1935 Sonneveld, C. & Voogt, S.J. (PGF). (Nutrient solutions for rockwool culture.) Voedingsoplossingen voor het telen in steenwol. Informatiereeks - Proefstation Naaldwijk no. 40, Naaldwijk, 1976. pp. 17. Dutch. Price ƒ 3,50.

M 1936 Stenvers, N. (SI). (Hypobaric storage of horticultural products.) Hypobarische bewaring van tuinbouwprodukten. Bedrijfsontwikkeling (1977)8(2) p. 175-177. Refs. 9. Dutch, with Dutch summary.

M 1937 Verwer, F.L.J.A.W. (IMAG). Cutting and cropping in artificial media. Acta Horticulturae (1975)(50) p. 13-20. Refs. 8. English.

M 1938 Verwer, F.L.J.A.W. (IMAG). Growing horticultural crops in rockwool and nutrient film. Research Reports - IMAG no. 76-5, Wageningen, 1976. pp. 16. Refs. 7. English.

M 1939 Vooren, J. van de. (PGF). A computer for crop research and climate control in glasshouses. Acta Horticulturae (1975)(51) p. 169-174. Refs. 2. English.

M 1940 Woets, J. (PGF). (Natural ennemies against pests in seed cultures under glass.) Natuurlijke vijanden tegen plagen in zaadteelten onder glas. Zaadbelangen (1977)31(4) p. 114-116. Dutch.

Fruits

(Also Nos M 1649, 2245)

M 1941 Akkerman, J. (RIJ) & Snee, A. v.d. (Annual report of the fruit culture enterprises in State manegement in Oostelijk Flevoland fiscal year 1973/1974.) Jaarverslag van de Fruitteeltbedrijven in eigen beheer in Oostelijk Flevoland boekjaar 1973/1974; Rapporten inzake de inrichting en ontwikkeling van de IJsselmeerpolders en andere landaanwinningswerken. Rijksdienst voor de IJsselmeerpolders - Flevobericht no. 107. Lelystad, 1975. pp. 35. Dutch.

M 1942 Beek, A. van de. (RUL).(Two new subspecies of Rubus.) Twee nieuwe Rubus-ondersoorten. Gorteria (1977)8(7) p. 124-128. Refs. 3. Dutch and Latin, with English summary.

M 1943 Bervaes, J.C.A.M. (RUG); Ketchie, D.O. & Kuiper, P.J.C. Kinetics of freezing damage in apple bark and pine needles. Physiologia Plantarum (1977)40(1) p. 35-38. Refs. 10. English.

M 1944 Bas, J. (Zijlandstraat 24, Borculo (Gld.)). (Results from Dutch dense plantings in pome fruits.) Ergebnisse aus niederländischen Dichtpflanzungen bei Kernobst. Erwerbsobstbau (1976)18(1) p. 5-8. Refs. 3. German.

M 1945 Frankenhuyzen, A. van. (PD). (Aegeria myopaeformis - apple pest.) De appelglasvlinder (Aegeria myopaeformis). De Fruitteelt (1977)67(7) p. 180-183. Dutch.

M 1946 Frankenhuyzen, A. van (PD) & Freriks, J.M. (An apple miner moth, Callisto denticulella.) De appelroestmijtmot, Callisto denticulella. De Levende Natuur (1975)78(11) p. 249-253. Refs. 4. Dutch.

M 1947 Frankenhuyzen, A. van. (PD). (The Psylla of the pear tree in the Netherlands - flea on the pear leaf, Psylla pyri L.). Le Psylle du poirier aux Pays Bas. Le Fruit Belge (1975)43(372) p. 237-241. Refs. 5. French.

M 1948 Goedegebure, J. (LEI). (Economic aspects of intensive apple orchards.) Bedrijfseconomische aspecten van intensieve appelbeplantingen. Bedrijfsontwikkeling (1977)8(4) p. 359-364. Dutch, with Dutch summary.

M 1949 Greidanus, P. (SI); Verhoeven, M.A. & Hilhorst, R.A. (The storage capacity for storage fruit in the Netherlands.) De opslagcapaciteit voor bewaarfruit in Nederland. Sprenger Instituut - Rapport No. 1902, Wageningen, 1974. pp. 5 + App. Dutch. (Received 1977).

M 1950 Gruys, P. (TNO). (Practical experience and perspectives of supervised control in fruit growing.) Experience pratique et perspectives de la lutte intégrée en arboriculture fruitière. Le Fruit Belge (1975)43(372) p. 266-273. Refs. 14. French.

M 1951 Gruys, P. (TNO). (The status of integrated control.) De stand van de geïntegreerde bestrijding. De Fruitteelt (1977)67(7) p. 192-196. Dutch.

M 1952 Jong, D.J. de (PF) & Beeke, H. (The application of an "Insect Growth Regulator" - IGR.) De toepassing van een "Insect Growth Regulator" (IGR). De Fruitteelt (1977)67(7) p. 189-191. Refs. 2. Dutch.

M 1953 Jong, D.J. de. (PF). (The development of Adoxophyes orana F.v.R., with special attention for the second generation in 1975.) De ontwikkeling van de vruchtbladroller, Adoxophyes orana F.v.R., met speciale aandacht voor de tweede vlucht in 1975. De Fruitteelt (1976)66(7) p. 173-175. Refs. 4. Dutch.

M 1954 Jong, D.J. de. (PF). (The fruit moth and supervised control.) De fruitmot en de geleide bestrijding. De Fruitteelt (1977)67(7) p. 174-177. Refs. 3. Dutch.

M 1955 Jong, D.J. de. (PF). (On mites and gall mites of apple and pear and supervised control.) Over mijten en galmijten van appel en peer en geleide bestrijding. De Fruitteelt (1977)67(7) p. 186-188. Refs. 5. Dutch.

M 1956 Mandersloot, H.J. (LHAF). (Supervised control.) La lutte dirigée. Le Fruit Belge (1975)43(372) p. 245-246. Ref. 1. French.

M 1957 Oosten, H.J. van. (PF). (The new apple root stock M27. (1). English data.) De nieuwe appelonderstam M.27. (1). Engelse gegevens. De Fruitteelt (1977)67(13) p. 366-368. Refs. 6. Dutch.

M 1958 Oosten, H.J. van. (PF). (The new apple rootstock M.27 (2). M.27 in the nursery.) De nieuwe appelonderstam M.27 (2). M.27 in de boomkwekerij. De Fruitteelt (1977)67(14) p. 402-405. Ref. 1. Dutch.

M 1959 Oosten, H.J. van. (PF). (The new apple root stock M.27 (3). Fruit growing experiments with M.27 in the Netherlands.) De nieuwe appelonderstam M.27. (3). Fruitteeltproeven met M.27 in Nederland. De Fruitteelt (1977)67(16) p. 480-483. Refs. 3. Dutch.

M 1960 Persoons, C.J. (TNO) & Ritter, F.J. (The pheromones: new means of control of harmful insects.) Les pheromones: nouveau moyen de lutte contre les insectes nuisibles. Le Fruit Belge (1975)43(372) p. 274-279. Refs. 14. French.

M 1961 Plasse, J.B. van de. (SI). (Chilling of strawberry plants in bags of polyvinylchloride of different thickness filled with different numbers of plants.) Koelen van aardbeiplanten in zakken van verschillende diktes pvc, gevuld met verschillende hoeveelheden planten. Sprenger Instituut - Rapport No. 1901, Wageningen, 1974. pp. 7. Dutch. (Received 1977).

M 1962 Roorda van Eysinga, J.P.N.L. (PGF) & Caem, H.E. van. (Nitrogen, phosphorus and potassium fertilization of strawberries under glass.) De bemesting van glasaardbeien met stikstof, fosfor en kali. Informatiereeks - Proefstation Naaldwijk no. 39, Naaldwijk, 1976. pp. 26. Refs. 5. Dutch. Price ƒ 5,--.

M 1963 Rudolphy, J.W. (SI) & Belle, G. van. (Grading Cox's Orange Pippin - apples.) Sorteren van Cox's Orange Pippin. Sprenger Instituut - Rapport no. 1891, Wageningen, 1974. pp. 12 + App. Dutch.

M 1964 Scheer, Th. van der. (PF). (Biological control of fungus and bacterial diseases in fruit culture.) Biologische bestrijding van schimmel- en bacterieziekten in de fruitteelt. De Fruitteelt (1976)66(7) p. 168-169. Dutch.

M 1965 Scheer, H.A.T. van der (PF) & Alofs, W.J. (Damage by Phytophthora fragariae in strawberry in the Netherlands and investigation into control.) Schade door rood-wortelrot bij aardbei in Nederland en onderzoek naar de bestrijding. De Fruitteelt (1976)66(7) p. 176-177. Dutch.

M 1966 Scheer, H.A.T. van der (PF) & Dieren, J.P.A. van. (Peel bitter pit in apple.) Schilstip bij appel. De Fruitteelt (1977)67(7) p. 170-173. Refs. 12. Dutch.

M 1967 Staalduine, D. van. (CABO). (Present points in the use of herbicides - in fruit growing.) Actuele punten bij het gebruik van herbiciden. De Fruitteelt (1976)66(7) p. 178-180. Dutch.

M 1968 Stenvers, N. (SI). (Ten years tomato research at the Sprenger Institute.) Tien jaren tomatenonderzoek op het Sprenger Instituut. Bedrijfsontwikkeling (1977)8(5) p. 489-492. Refs. 6. Dutch.

M 1969 Stenvers, N. (SI) & Staden, O.L. Growth, ripening and storage of tomato fruits (Lycopersicon esculentum Mill.). IV. Physiological and anatomical aspects of the picking time. Gartenbauwissenschaft (1977)42(1) p. 35-41. Refs. 15. English, with German, French and Russian summaries.

M 1970 Vrie, M. van de. (IPO). (Ecological control of red spider - red spider mite.) Lutte ecophile contre l'acarien rouge. Le Fruit Belge (1975)43(372) p. 242-245. Refs. 3. French.

M 1971 Wertheim, S.J. (PF). (Research into the control of root volunteers - apple, pear.) Onderzoek naar de bestrijding van wortelopslag. De Fruitteelt (1977)67(7) p. 184-185. Dutch.

Vegetables

(Also Nos M 1637, 1650, 1662, 1733, 1773, 1810, 1814, 1934, 1939)

M 1972 Bekendam, J. (RPZ) & Hendriks, R. (Unhairing of tomato seed by rubbing.) Ontharing van tomatenzaad door wrijven. Zaadbelangen (1977)31(2) p. 62. Dutch.

M 1973 Bekendam, J. (RPZ); Winden, C. van & Esch, H.G.A. van. (Emergence and storage of lettuce seed pills, also in relation to the hull thickness.) Opkomst en bewaring van slazaadpillen mede in relatie met de manteldikte van de pillen. Zaadbelangen (1977)31(3) p. 82-85. Dutch.

M 1974 Berkel, N. van (PGF) & Uffelen, J.A.M. van. CO_2 nutrition of spring cucumbers in the Netherlands. Acta Horticulturae (1975)(51) p. 213-224. Refs. 22. English.

M 1975 Buishand, T. & Schoneveld, J.A.(PAGV). (Harvest mechanization for gherkins is coming.) Oogstmechanisatie van augurken staat voor de deur. Landbouwmechanisatie (1977)28(2) p. 151-153. Dutch, with English summary.

M 1976 Challa, H. (CABO). An analysis of the diurnal course of growth, carbon dioxide exchange and carbohydrate reserve content of cucumber. Doctoral thesis, Wageningen, 1976. pp. 88. Refs. 72. English, with English and Dutch summaries. Obtainable from PUDOC as Agricultural Research Reports no. 861. ISBN 90 220 0623 9.

M 1977 Chhabra, R.; Ringoet, A. (ITAL); Lamberts, D. & Scheys, I. Chloride losses from tomato plants (Lycopersicon esculentum Mill.). Zeitschrift für Pflanzenphysiologie (1977)81(1) p. 89-94. Refs. 10. English.

M 1978 Dekker, P.H.M, & Buishand, T.(PAGV). (Developments in the culture of green peas.) Ontwikkelingen bij de teelt van doperwten. Bedrijfsontwikkeling (1977)8(4) p. 353-357. Refs. 6. Dutch, with Dutch summary.

M 1979 Dekker, P.H.M.(PAGV) & Buishand, Tj. (Spacing in Vicia-beans.) Standruimte bij tuinbonen. Bedrijfsontwikkeling (1977)8(3) p. 271-274. Dutch.

M 1980 Dieleman-van Zaayen, A. (PC) & Geijn, J. van de. (Control of flies and mosquitoes during harvesting - mushrooms.) Bestrijding van vliegen en muggen tijdens de oogst (slot). De Champignoncultuur (1976)20(7) p. 209-211. Dutch.

M 1981 Dorst, H.J.M. van. (PGF). Influence of temperature regime on virus diseases in cucumber. Acta Horticulturae (1975)(51) p. 329-332. Refs. 2. English.

M 1982 Eenink, A.H. (IVT). Influence of temperature on seed dormancy in lettuce. Scientia Horticulturae (1977)6(1) p. 1-13. Refs. 19. English, with English summary.

M 1983 Eenink, A.H. (IVT) & Roelofsen, H. (A genebank and the collecting of wild lettuces in Israel.)Een genenbank en het verzamelen van wilde sla in Israel. Landbouwkundig Tijdschrift (1977)89(5) p. 129-132. Dutch.

M 1984 Egeraat, A.S.W.M. van. (LHAM). Enzymatic studies on ninhydrin-positive compounds by root tips of pea seedlings. Plant and Soil (1977)47(3) p. 645-651. Refs. 6. English, with English summary.

M 1985 Frankenhuyzen, A. van. (PD). (Onion leaf miner (Phytobia cepae Hg.), a rare pest of onions and leeks in the Netherlands.) Uiemineervlieg, een minder bekende aantaster van uien en prei in Nederland. Gewasbescherming (1977)8(2) p. 59-65. Refs. 6. Dutch.

M 1986 Gastel, A.J.G. van (ITAL) & Nettancourt, D. de. The generation of new incompatibility alleles - in Lycopersicon. Incompatibility Newsletter (1975)(6) p. 66-69. Refs. 10. English.

M 1987 Gerritse, W.G. (Noorder Koeslag 42, Wijhe). (Cabbage-damage by bald coots.) Meerkoetenschade. Het Vogeljaar (1976)24(1) p. 3-7. Refs. 5. Dutch.

M 1988 Geurts, M.H.A. (PC). (The effect of residues of feed additives in chicken and horse manure on the yield of mushrooms.) De invloed van resten van medicamenten in kuiken- en paardemest op de opbrengst van champignons. De Champignoncultuur (1977)21(4) p. 89-95. Dutch, with Dutch summary.

M 1989 Geurts, M.H.A. (PC). (The meaning of pH and ammonia in spawning - of mushroom compost.) De betekenis van pH en ammoniak bij het enten. De Champignoncultuur (1977)21(2) p. 33-37. Dutch.

M 1990 Geijn, J. van de. (Consulentschap voor Tuinbouw, Swalmerstraat 52, Roermond). (The control of Verticillium and Mycogone - in mushrooms - in practice.) Die Bekämpfung von Verticillium und Mycogone in der Praxis. Der Champignon (1977)17(186) p. 7-9. German.

M 1991 Hogenboom, N.G. (IVT). (Investigations of and results of distant crosses in vegetable species in the Netherlands.) Untersuchungen an und Ergebnisse von Distanzkreuzungen in Gemüsearten in den Niederlanden. Bericht Arbeitstagung 1974 Vereinigung Österreichischer Pflanzenzüchter (1974) p. 261-282. Refs. 18. German.

M 1992 Houter, J.G. den. (TNO). The effect of acaricides on active and diapausing females of Tetranychus urticate Koch, the two-spotted spider mite. Zeitschrift für Angewandte Entomologie (1976)81(3) p. 248-252. Refs. 7. English.

M 1993 Jansen, E. (RIN). (How is the situation of the chantharelle?) Hoe gaat het met de cantharel? Bosbouwvoorlichting (1977)4(16) p. 60-61. Dutch.

M 1994 Klapwijk, D. (PGF) & Lint, P.J.A.L. de. Growth and development of young tomato plants. Acta Horticulturae (1975)(51) p. 147-161. Refs. 10. English.

M 1995 Loosjes, M. (IPO); (RUL). Ecology and genetic control of the onion fly, Delia antiqua (Meigen). Doctoral thesis, Leiden, 1976. pp. 178. Refs. 331. English, with English and Dutch summaries. Obtainable from PUDOC as Agricultural Research Reports no. 857. ISBN 90 220 0611 5.

M 1996 Louwerse, W. (CABO) & Zweerde, W. v.d. Photosynthesis, transpiration and leaf morphology of Phaseolus vulgaris and Zea mays grown at different irridiances in artificial and sunlight. Photosynthetica (1977)11(1) p. 11-21. Refs. 19. English.

M 1997 Lune, P. van. (IB). (Effect of the K/Ca ratio in a culture solution on the occurrence of blotchy ripening in tomatoes.) Invloed van de K/Ca-verhouding in een watercultuur op het optreden van waterziek bij tomaat. Rapporten - Instituut voor Bodemvruchtbaarheid no. 1-76, Haren (Gr.), 1976. pp. 22. Refs. 26. Dutch, with English and Dutch summaries.

M 1998 Lune, P. van (IB) & Goor, B.J. van. Ripening disorders of tomatoes as affected by the K/Ca ratio in the culture solution. The Journal of Horticultural Science (1977)52(2) p. 173-180. Refs. p. 179-180. English.

M 1999 Meeldijk, B.P. (IMAG). (Progress in the mechanization of harvesting Brussels sprouts.) Voortschrijdende mechanisatie bij de spruitenoogst. Landbouwmechanisatie (1977)28(1) p. 39-44. Dutch, with English and Dutch summaries.

M 2000 Meer, Q.P. van der (IVT) & Bennekom, J.L. van. (Application of gibberellic acid as gametocide in onions. II.) Toepassing van gibberellazuur als gametocide bij uien. II. Zaadbelangen (1977)31(3) p. 89-90. Dutch.

M 2001 Neuvel, J.J. (PAGV). (Culture research in Brussels sprouts for once-over harvesting.) Teeltonderzoek bij spruitkool ten behoeve van éénmalige oogst. Bedrijfsontwikkeling (1977)8(3) p. 283-285. Dutch.

M 2002 Nieuwhof, M. (IVT). The effect of temperature on growth and development of cultivars of radish under winter conditions. Scientia Horticulturae (1976)5(2) p. 111-118. Refs. 9. English.

M 2003 Peltjes, J.H. (Cebeco-Handelsraad, Postbus 182, Rotterdam). (Are there possibilities for the culture of field - Vicia - beans and soybeans?) Zijn er mogelijkheden voor de teelt van veldbonen en sojabonen? Bedrijfsontwikkeling (1977)8(3) p. 257-260. Dutch.

M 2004 Pieters, J.H. (IB). (Slow working nitrogen fertilizers on Brussels sprouts.) Langzaamwerkende stikstofmeststoffen op spruitkool. Rapporten Instituut voor Bodemvruchtbaarheid, no. 3-76, Haren (Gr.), 1976. pp. 12. Refs. 3. Dutch.

M 2005 Pieters, J.H.; Nicolai, P. & Boon, J. van der. (IB). (Topdressing of Brussels sprouts.) Stikstofoverbemesting op spruitkool. Rapporten - Instituut voor Bodemvruchtbaarheid no. 2-75, Haren (Gr.), 1975. pp. 58. Refs. 19. Dutch, with English and Dutch summaries.

M 2006 Ponti, O.M.B. de & Kho, Y.O. (IVT). (Induction of male flowering in cucumber and gherkins by silver nitrate: an alternative for gibberellic acid?) Induktie van mannelijke bloei in komkommer en augurk door zilvernitraat: een alternatief voor gibberellazuur? Zaadbelangen (1977)31(2) p. 53-57. Dutch.

M 2007 (Product data of fruit and vegetables; 4th supplement of the 7th series - celeriac.) Produktgegevens Groenten en Fruit; 4e supplement, 7e serie. Sprenger Instituut, Mededeling no. 30. Sprenger Instituut. Wageningen, 1977. pp. 33. Refs. 15. Dutch.

M 2008 (Research news on outdoor vegetables in experimental gardens.) (PAGV). Onderzoekactualiteiten op vollegrondsgroente-proeftuinen in 1977. Bedrijfsontwikkeling (1977)8(5) p. 499-503. Dutch.

M 2009 (Research Station for Vegetable Growing in the Open, Alkmaar. Report of research in 1975. (PAGV). Proefstation voor de Groenteteelt in de Vollegrond. Verslagen van onderzoek in 1975. Proefstation voor de Groenteteelt in de Vollegrond in Nederland. Alkmaar, 1976. Unpaged. Dutch.

M 2010 (Research Station for Vegetable Growing in the Open, Lelystad. Research program 1976.) (PAGV). Proefstation voor de Groenteteelt in de Vollegrond in Nederland. Onderzoekprogramma 1976. PAGV, Alkmaar, 1976. pp. 53. Dutch.

M 2011 Robinson, A.S. (ITAL). Genetic control of Hylemya anitiqua. I. X-ray-induced effects in the F_0 and F_1 generations - in onion fly. Mutation Research (1977)42(1) p. 79-88. Refs. 27. English.

M 2012 Ruiter, D. de. (PGF). (The culture of spinach under glass.) Teelt van spinazie onder glas. Informatiereeks - Proefstation Naaldwijk no. 37, Naaldwijk, 1976. pp. 19. Dutch. Price ƒ 4,50.

M 2013 Schneider, G.; Friedländer, H. & Hartog, J.A. (Asepta BV, Delft). (Chlorfluorenol as a factor in production of pickling cucumbers and as a basis for a new cultivation concept with mechanical once-over harvest.) Chlorflurenol als Produktionsfaktor bei Einlegegurken und als Grundlage eines neuen Anbaukonzeptes mit maschineller Einmalernte. Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz (1977)84(1) p. 40-58. Refs. 56-58. German, with English summary.

M 2014 Seubring, R. (Centrum voor Champignonteelt-onderwijs, Westerholtstraat 2, Horst (L.)). (Practical suggestions for the enhancement of area productivity in mushroom culture.) Praktische Anregungen für die Erhöhung der Flächenproduktivität im Champignonanbau. Der Champignon (1977)17(186) p. 12-14, 20-22, 24-31. German.

M 2015 Sonneveld, C. (PGF) & Voogt, S.J. Peat substrate as a growing medium for cucumbers. Acta Horticulturae (1975)(59) p. 45-52. Refs. 8. English.

M 2016 Steinbuch, E. (SI). Technical note: improvement of texture of frozen vegetables by stepwise blanching treatments. Journal of Food Technology (1976)11(3) p. 313-315. Refs. 3. English.

M 2017 Steinbuch, E. (SI); Klop, W. & Badia, L.I.A. Effect of different blanching systems on enzyme inactivation and quality of frozen green beans. Sprenger Instituut, Rapport no. 1894, Project no. 32 2n 52. Wageningen, 1974. pp. 23. Refs. p. 22-23. English. (Received 1977).

M 2018 Stenvers, N. (SI) & Stork, H.W. Growth, ripening and storage of tomato fruits (Lycopersicon esculentum Mill.) V. Post harvest physiology of the tomato. Gartenbauwissenschaft (1977)42(2) p. 66-70. Refs. 26. English, with German, French and Russian summaries.

M 2019 (Survey of yields of lettuce (autumn, winter and spring growing) in the Westland - Netherlands -, crop year 1975/76 - including financial yield.) (LEI). Overzicht van opbrengsten van sla (herfst-, winter- en voorjaarsteelt) in het Westland, teeltjaar 1975/76. Landbouw Economisch Instituut, afdeling Tuinbouw. Overzicht no. 672. The Hague, 1976. pp. 28. Dutch.

M 2020 Tas, P.W.L.; Boerjan, M.L. & Peters, D. (LHAV). Purification and serological analysis of tomato spotted wilt virus. Netherlands Journal of Plant Pathology (1977)83(2) p. 61-72. Refs. 25. English, with English and Dutch summaries.

M 2021 Theunissen, J. (IPO). (Integrated control of nuisible insects in vegetable crops in the open.) Geïntegreerde bestrijding van schadelijke insecten in vollegronds groentegewassen. Zaadbelangen (1977)31(4) p. 111-114. Dutch.

M 2022 Thung, S.B. (SI). (Discolorations in processed cauliflower.) Verkleuringen bij verwerkte bloemkool. Sprenger Instituut - Rapport No. 1889. Wageningen, 1974. pp. 9. Refs. 4. Dutch.

M 2023 Verwer, F.L.J.A.W. (IMAG). Growing vegetable crops in rockwool and other media. Acta Horticulturae (1975)(50) p. 61-67. Refs. 7. English.

M 2024 Visser, A.J. de. (LEI). (The economic possibilities of the all-year-round culture and summer culture of glasshouse lettuce.) De economische mogelijkheden van de jaarrondteelt en zomerteelt van kassla. Publikaties - LEI no. 4.74, The Hague, 1977. pp. 47. Refs. 5. Dutch, with English and Dutch summaries. Price ƒ 10,--.

M 2025 Waal, F.E.B. de (RUU); Goedheer, J.C. & Thomas, J.B. Slow transients of light-induced pH changes at the outer surface of photosynthetic membranes - in spinach. Acta Botanica Neerlandica (1977)26(1) p. 89-93. Refs. 18. English.

M 2026 (Watering in the culture of K 26 and K 32 - bitorquis-strains.) (PC). Water geven bij de teelt van K 26 en K 32. De Champignoncultuur (1976)20(7) p. 193-201. Dutch.

M 2027 Wiersma, O. (SI). (Brown discoloration and flavor of washed carrots from the fertilization experiment at Boekel september-october 1974.) Bruinverkleuring en smaak van waspeen van een bemestingsproefveld te Boekel, september-oktober 1974. Sprenger Instituut - Rapport No. 1910, Wageningen, 1974. pp. 5. Dutch.

M 2028 Wiersma, O. (SI). (Controlled atmosphere storage of onions.) CA-bewaring van uien 1973-1974. Sprenger Instituut - Rapport No. 1908. Wageningen, 1974. pp. 3 + App. Dutch.

M 2029 Wiersma, O. (SI). (Irradiation of onions against sprouting 1973-1974.) Bestraling van uien tegen het uitlopen 1973-1974. Sprenger Instituut - Rapport No. 1907. Wageningen, 1974. pp. 15 + App. Dutch. (Received 1977).

M 2030 Wiersma, O. (SI). (Storage and packaging research green paprika 1973.) Bewaar- en verpakkingsonderzoek groene paprika 1973. Sprenger Instituut - Rapport No. 1897. Wageningen, 1974. pp. 16. Dutch. (Received 1977).

M 2031 Wiersma, O. (SI). (Temperature course in week-end chilling of paprika in boxes. Bleiswijk, june 1974.) Temperatuurverloop bij weekeindekoeling van paprika in dozen. Bleiswijk, juni 1974. Sprenger Instituut - Rapport No. 1912. Wageningen, 1975. pp. 4 + App. 4. Dutch.

M 2032 Wiersma, O. (SI). (Temperature measurements in some root and tuber vegetables stored in stacked boxes.) Temperatuurmetingen bij enkele wortel- en knolgewassen bewaard in stapelkisten. Sprenger Instituut - Rapport No. 1893. Project 35. Wageningen, 1974. pp. 8. Dutch. (Received 1977).

M 2033 Wit, P.J.G.M. de. (LHAF). A light and scanning-electron microscopic study of infection of tomato plants by virulent and avirulent races of Cladosporium fulvum. Netherlands Journal of Plant Pathology (1977)83(3) p. 109-122. Refs. 24. English, with English and Dutch summaries.

Ornamentals

(Also Nos M 1904, 1913, 1927, 1934, 1939, 2281, 2292, 2298)

M 2034 Alkema, H.Y. (LBO). Vegetative propagation of daffodils by double-scaling. Acta Horticulturae (1975)(47) p. 193-199. Refs. 11. English.

M 2035 Asjes, C.J. (LBO). (Production of virus-free lilies in the Netherlands.) Het virusvrij maken van lelies in Nederland. Landbouwkundig Tijdschrift (1977)89(4) p. 96-101. Refs. 9. Dutch, with Dutch summary.

M 2036 Bergman, B.H.H. (LBO) & Noordermeer, C.E.I. Leaf scorch and neck rot in narcissus. Acta Horticulturae (1975)(47) p. 131-136. Refs. 9. English.

M 2037 Boer, W.C. (SI). (Processing and packaging of tulips during the sale period.) Behandeling en verpakking van tulpen tijdens de afzetperiode. Sprenger Instituut - Rapport No. 1917. Project no. 34. Wageningen, 1975. pp. 5. Dutch. (Received 1977).

M 2038 Boon, J. van der. (IB). Peat as a forcing medium for tulips. Acta Horticulturae (1975)(50) p. 69-82. Refs. 9. English.

M 2039 Boontjes, J. (LBO). Chemical control of diseases on lilies. Acta Horticulturae (1975)(47) p. 137-142. Refs. 14. English.

M 2040 Boontjes, J. (LBO). (The importance of virusfree lilies.) Die Bedeutung virusfreier Lilien. Deutscher Gartenbau (1976)30(43) p. 1660-1661. German.

M 2041 Boontjes, J. (LBO); Durieux, A.J.B. & Kamerbeek, G.A. Progress in the promotion of flowering in lilies by supplementary illumination. Acta Horticulturae (1975)(51) p. 261-262a. Refs. 3. English.

M 2042 Bouman, F. (GUA). Integumentary studies in the Polycarpicae. IV. Liriodendron tulipifera. Acta Botanica Neerlandica (1977)26(3) p. 213-223. Refs. 25. English.

M 2043 Bravenboer, L. (PGF) & Strijbosch, Th. Humidity conditions and the development of fungus diseases in glasshouses. Acta Horticulturae (1975)(51) p. 333-335. Ref. 1. English.

M 2044 Bruystens, J.M. (Consulentschap voor de Tuinbouw, Prof. Cobbenhagenlaan 225, Tilburg). (Saldo method and cost calculation in arboriculture.) Saldomethode en kostenberekening in de boomteelt. Groen (1977)33(3) p. 104-105. Dutch.

M 2045 Dam, J.G.C. van & Wopereis, F.A. (STIBOKA). (Suitability of sandy soils in the Southern Netherlands for the culture of ornamental conifers.) Geschiktheid van zandgronden in Zuid-Nederland voor de teelt van sierconiferen. Bedrijfsontwikkeling (1977)8(4) p. 365-374. Refs. 7. Dutch, with Dutch summary.

M 2046 Duineveld, T.L.J. (LBO) & Beijersbergen, J.C.M. On the resistance to benomyl of fungi isolated from bulbs and corms. Acta Horticulturae (1975)(47) p. 143-147. Refs. 12. English.

M 2047 Durieux, A.J.B. (LBO). Additional lighting of lilies (CV "Enchantment") in the winter to prevent flower-bud abscission. Acta Horticulturae (1975)(47) p. 237-240. English.

M 2048 Elk, B.C.M. van. (Consulentschap voor de Tuinbouw, Valkenburgerlaan 3, Boskoop). (Some aspects of setting up and growing of nursery crops in pot above soil.) Enkele aspecten van de opzet en de teelt van boomkwekerijgewassen in pot boven op de grond. Groen (1977)33(4) p. 147-149. Dutch.

M 2049 Elzenga, G. (NAKB). (The Netherlands General Inspection Service for Nursery Trees.) Der Niederländische Anerkennungsdienst für Baumschulgewächse. Obstbau Weinbau (1977)14(2) p. 43-52. German.

M 2050 Eijk, J.P. van (IVT) & Leegwater, J. Criteria for early selection in tulip breeding - incl. resistance. Acta Horticulturae (1975)(47) p. 179-185. Refs. 4. English.

M 2051 Fortanier, E.J. (LHATPT) & Brenk, G. van. Dormancy of seeds as compared with dormancy of bulbs in tulips. Acta Horticulturae (1975)(47) p. 331-338. Refs. 22. English.

M 2052 Germing, G.H. (IMAG). (Industrial plant culture starts with potting plants.) Industriële plantenteelt begint bij potplanten. Vakblad voor de Bloemisterij (1976)31(5) p. 32-35. Dutch.

M 2053 Groenewegen, A.N. (LEI). (Profitability and financing of the culture of potted plants in glasshouses in the Netherlands, 1975.) Rentabiliteit en financiering van de potplantenteelt onder glas in Nederland over 1975. Mededelingen - LEI no. 161, The Hague, 1977. pp. 29. Dutch.

M 2054 Groenewegen, C.A.M. (Consulentschap in Algemene Dienst voor de Bloemisterij, Linnaeuslaan 2A, Aalsmeer). (Production and marketing of potted plants. 1976.) De produktie en afzet van potplanten in cijfers. 1976. Consulentschap in Algemene Dienst voor de Bloemisterij, Aalsmeer, 1976. pp. 35. Tables. Dutch.

M 2055 Haan, W.G. de. (LEI). Application of programming models to specialised bulb-growing farms. Acta Horticulturae (1975)(47) p. 413-422. English.

M 2056 Hakkaart, F.A. (PBN). (Virus disease of Dieffenbachia - cultivar - 'Exotica'.) Virusziekte van Dieffenbachia 'Exotica'. Vakblad voor de Bloemisterij (1976)31(5) p. 20-21. Dutch.

M 2057 Hakkaart, F.A. (PBN); Maat, D.Z. & Quak, F. Viruses and meristem culture of nerine. Acta Horticulturae (1975)(47) p. 51-53. Refs. 4. English.

M 2058 Hoeven, A.P. van der & Vijverberg, A.J. (PGF). (Effects of night temperature and interruption of generative development on growth and flowering of chrysanthemum cultivars.) Invloeden van nachttemperatuur en onderbreking van de generatieve ontwikkeling op groei en bloei bij chrysanthencultivars. Bedrijfsontwikkeling (1977)8(2) p. 183-187. Refs. 16. Dutch, with Dutch summary.

M 2059 Humphreys-Jones, D.R. & Rooy, M.J. de. (LBO). Control of Pythium root rot in five-degree tulips in the Netherlands and the United Kingdom. Acta Horticulturae (1975)(47) p. 83-87. Refs. 7. English.

M 2060 Kamerman, W. (LBO). Biology and control of Xanthomonas hyacinthi in hyacinths.Acta Horticulturae (1975)(47) p. 99-105. Refs. 7. English.

M 2061 Kamerman, W. (LBO). The influence of temperature and soil moisture on the incidence of Erwinia carotovora var. carotovora in forced Dutch irises.Acta Horticulturae (1975)(51) p. 337-342. Refs. 5. English.

M 2062 Londo, G. (RIN). (Instructive natural garden.) Een instructieve heemtuin op natuurlijke basis. Mededelingen Rijksinstituut voor Natuurbeheer nr. 141. Arnhem, 1975. pp. 67. n.d. Dutch.

M 2063 Looijesteijn, F.X.C. (SI). (Retail packing of flower bulbs.) Kleinverpakking van bloembollen. Sprenger Instituut - Rapport No. 1954, Wageningen, 1977. pp. 10. Dutch.

M 2064 Meij, J. (PBN). (New carnation varieties are examined carefully.) Nieuwe anjerrassen worden zorgvuldig beoordeeld. Bedrijfsontwikkeling (1977)8(2) p. 189-191. Dutch.

M 2065 Molenaar, W.H. (SI). (Burning in chrysanthemum packaged in plastic sachets, after flower thinning.) Verbrandingsverschijnselen bij in plastic zakjes verpakte geplozen kaschrysanten. Sprenger Instituut - Rapport No. 1892, Wageningen, 1974. pp. 2. Dutch.

M 2066 Munk, W.J. de. (LBO). Ethylene disorders in bulbous crops during storage and glasshouse cultivation. Acta Horticulturae (1975)(51) p. 321-328. Refs. 13. English.

M 2067 Munk, W.J. de (LBO) & Hoogeterp, P. Flower-bud blasting in tulips. Acta Horticulturae (1975)(47) p. 149-155. Refs. 7. English.

M 2068 Pierik, R.L.M. & Steegmans, H.H.M. (LHATPT). Vegetative propagation of Freesia through the isolation of shoots in vitro. Netherlands Journal of Agricultural Science (1976)24(4) p. 274-277. English, with English summary.

M 2069 Roelofsen, B. (PBN). (Research and advice in nursery husbandry.) Onderzoek en voorlichting in de boomkwekerij. Groen (1976)32(1) p. 23-24. Dutch.

M 2070 Roosmalen, H.G.A. van. (Consulentschap voor de Tuinbouw, Prof. Cobbenhagenlaan 225, Tilburg). (In nurseries is being irrigated by aspersion too less and often badly.) In de boomteelt wordt te weinig en vaak slecht beregend! Groen (1977)33(4) p. 144-146. Dutch.

M 2071 Schenk, P.K. (LBO). Bulb research, development and international cooperation. Acta Horticulturae (1975)(47) p. 31-38. English.

M 2072 Seinhorst, J.W. & Kozlowska, J. (IPO). Damage to carrots by Rotylenchus uniformis, with a discussion on the cause of increase of tolerance during the development of the plant. Nematologica (1977)23(1) p. 1-23. English, with German and English summaries.

M 2073 Slob, A. (TNO) & Varekamp, H.Q. (IVT). Tuliposide contents of tulip (Tulipa) species and cultivars during the flowering stage. Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C (1977)80(3) p. 201-211. Refs. 25. English.

M 2074 Slogteren, D.H.M. van. (LBO). A single immunodiffusion drop test for the detection of lily symptomless virus. Annals of Applied Biology (1976)82(1) p. 91-95. Refs. 11. English.

M 2075 Slootweg, A.F.G. (LBO). Recent developments if mechanization and labor utilization in bulb forcing. Acta Horticulturae (1975)(47) p. 423-426. English.

M 2076 Smilde, K.W. (IB). Micronutrient requirements of chrysanthemums grown on peat substrates. Acta Horticulturae (1975)(50) p. 101-113. Refs. 15. English.

M 2077 Staden, O.L. (SI). (Control of early yellowing of leaves of Alstroemeria in a vase.) Bestrijding van vroegtijdige bladvergeling bij Alstroemeria op de vaas. Rapporten - Sprenger Instituut no. 1956, Wageningen, 1976. pp. 25. Dutch.

M 2078 Stein, A. (LEI). (Economic aspects of culture and trade in Strelitzias.) Economische aspecten van teelt en afzet van strelitzia's. Landbouw-Economisch-Instituut, Afdeling Tuinbouw. Publ. No. 4.72. The Hague, 1976. pp. 34. Dutch. Price ƒ 8,--.

M 2079 Swart, A. (LBO) & Kamerbeek, G.A. Ethylene production and mycelium growth of the tulip strain of Fusarium oxysporum as influenced by shaking of and oxygen supply to the culture medium. Physiologia Plantarum (1977)39(1) p. 38-44. Refs. 29. English.

M 2080 Sytsema, W. (PBN). Flowering and bulb growth of Nerine bowdenii. Acta Horticulturae (1975)(47) p. 241-249. Refs. 10. English.

M 2081 Verlaan, A. (PBN). (Shadow halls at the nursery - protection against winter, night frost and sun.) Schaduwhallen op het boomteeltbedrijf. Groen (1977)33(2) p. 65-67. Dutch.

M 2082 Vonk Noordegraaf, C. (PBN). Temperature and daylength requirements of Alstroemeria. Acta Horticulturae (1975)(51) p. 267-274. Refs. 6. English.

M 2083 Vrie, M. van de. (IPO). (Spodoptera exigua (Lepidoptera: Noctuidae) in ornamental plants.) Spodoptera exigua (Lepidoptera: Noctuidae) in sierteeltgewassen. Gewasbescherming (1977)8(2) p. 67-70. Refs. 11. Dutch.

M 2084 Vroomen, C.O.N. de. (LEI). Economic evaluation of differences in planting densities - in tulip. Acta Horticulturae (1975)(47) p. 399-406. Refs. 8. English.

M 2085 Wiering, H. (GUA) & Vlaming, P. de. Glycosylation and methylation patterns of anthocyanins in Petunia hybrida. II. The genes Mf1 and Mf2. Zeitschrift vür Pflanzenzüchtung (1977)78(2) p. 113-123. Refs. 7. English.

M 2086 Wyck, H.W.M. van der. (Koninklijke Nederlandse Oudheidkundige Bond: secr. Mr. P.J. van der Mark, de Poorterstraat 22, Den Haag). ("Het Loo". The history of a - Dutch - royal domain.) Het Loo, de geschiedenis van een koninklijk domein. Bulletin KNOB (Redactie-adres: Brouwersgracht 54boven, A'dam 1003), (1976)75 (3/4) p. 183-248. Dutch, with English summary.

M 2087 Yekutieli, O. & Nieuwenhuizen, G.H. van. (SI). Transport simulation of tulip bulbs in a clip-on reefer container. Sprenger Instituut - Rapport No. 1903. Wageningen, 1974. pp. 71. English. (Received 1977).

M 2088 Yekutieli, O. & Nieuwenhuizen, G.H. van. (SI). Transport test of gladiol-bulbs in a stationary clip-on reefer container. Sprenger Instituut - Rapport No. 1900. Wageningen, 1974. pp. 60. English. (Received 1977).

M 2089 Zwiers, J.S. (IB). (Calculating the relative density of the soil for sports turf research.) Berekening van de relatieve dichtheid van de grond ten behoeve van het sportveldenonderzoek. Instituut voor Bodemvruchtbaarheid, Rapport No. 9-76, Haren (Gr.), 1976. pp. 9 Refs. 3. Dutch.

ANIMAL HUSBANDRY

(Also Nos M 1429, 1523, 1554, 1562, 1563, 1564, 1569, 1572, 1581, 1586, 1592, 1603, 1604, 1605, 1606, 1610, 1650, 1663, 1668, 1672, 1688, 1711, 1862, 1863, 1872, 1905, 2181)

M 2090 Antheunisse, J. (LHAM) & Vonkeman, H. Identification and flagellation of coryneform bacteria from poultry litter. Canadian Journal of Microbiology (1975)21(11) p. 1798-1802. Refs. 15. English, with French summary.

M 2091 Bannink, H. (IPS). (Determination of metabolizable energy and digestibility of potato protein.) Bepaling van de omzetbare energie en van de verteerbaarheid van aardappeleiwit. Rapporten Instituut voor Pluimveeonderzoek no. 142.76b, Beekbergen, 1976. pp. 8. Dutch.

M 2092 Bannink, H. (IPS). (Determination of the digestibility of crude protein and amino acids in seven lots of maize.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in zeven partijen maïs. Rapporten Instituut voor Pluimveeonderzoek no. 156.77d, Beekbergen, 1977. pp. 13. Dutch.

M 2093 Beeking, F.F.E. (IPS). (Determination of the digestibility of crude protein and amino acids in two rice waste products and a cotton seed product.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in twee rijstafvalprodukten en een katoenzaadprodukt. Rapporten Instituut voor Pluimveeonderzoek no. 100.75d, Beekbergen, 1975. pp. 14. Dutch.

M 2094 Beeking, F.F.E. (IPS). (Determination of the digestibility of crude protein and amino acids in six sunflower products.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in zes zonnebloemprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 106.75D, Beekbergen, 1975. pp. 17. Dutch.

M 2095 Beeking, F.F.E. (IPS). (Determination of the digestibility of crude protein and amino acids in potato protein.) Bepaling van de verteerbaarheid van ruw eiwit en aminozuren in aardappeleiwit. Rapporten Instituut voor Pluimveeonderzoek no. 142.76d, Beekbergen, 1976. pp. 13. Dutch.

M 2096 Benedictus, N. (Centraal Veevoeder Bureau, Runderweg 6, Lelystad). (A new net-energy system for ruminants.) Een nieuw netto-energiesysteem voor herkauwers. Bedrijfsontwikkeling (1977)8(1) p. 29-40. Dutch, with Dutch summary.

M 2097 Benedictus, N. & Jong, S. de. (Consulentschap in Algemene Dienst voor Veevoeding, Runderweg 6, Lelystad). (Practical consequences of the change from the starch-equivalent system to the new net-energy system for ruminants.) Praktische consequenties van de overgang van het zetmeelwaardesysteem naar het nieuwe netto-energiesysteem voor herkauwers. Bedrijfsontwikkeling (1977)8(2) p. 119-122. Dutch, with Dutch summary.

M 2098 Bisalsky, A.J.N. (IPS). (Determination of metabolizable energy of six groundnut products.) Bepaling van de omzetbare energie van zes grondnotenprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 132.76, Beekbergen, 1976. pp. 16. Dutch, with Dutch summary.

M 2099 Bisalsky, A.J.N. (IPS). (Determination of metabolizable energy of five Brazilian and five American soybean products.) Bepaling van de omzetbare energie van vijf Braziliaanse en van vijf Amerikaanse sojaprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 141.77, Beekbergen, 1977. pp. 29. Dutch, with English and Dutch summaries.

M 2100 Brand, A. (RUUFD). (Embryo transplantation in bovine.) Embryotransplantatie bij runderen. De Friese Veefokkerij (1977)(March) p. 126-130. Dutch.

M 2101 Brandsma, C. (IMAG). (Influence of the outside climate on the ventilation of piggeries.) Invloed van het buitenklimaat op het ventileren van varkensstallen. IMAG-Publikaties no. 74, Wageningen, 1976. pp. 37. Refs. 17. Dutch, with English and Dutch summaries. Price ƒ 6,50.

M 2102 Brascamp, E.W. (LHAVT) & Hamming, I. (Economic aspects of bull selection and genetic progress in milk production properties.) De geldwaarde van stierkeuze en van erfelijke vooruitgang in melkproduktie-eigenschappen. Bedrijfsontwikkeling (1977)8(3) p. 235-240. Refs. 5. Dutch, with Dutch summary.

M 2103 Coep, W.A.G. (IVO). (Cross-breeding in pig farming; backgrounds and perspectives.) Kruisingen in de varkenshouderij; achtergronden en perspectieven. Bedrijfsontwikkeling (1977)8(2) p. 151-155. Dutch, with Dutch summary.

M 2104 Coep, W.A.G. (IVO). (Cross-breeding in pig farming; backgrounds and perspectives. 2: perspectives.) Kruisingen in de varkenshouderij; achtergronden en perspectieven. 2: perspectieven. Bedrijfsontwikkeling (1977)8(3) p. 241-246. Refs. 26. Dutch, with Dutch summary.

M 2105 Dommerholt, J. (IVO); Sijbrandij, S.R. & Wismans, W.M.G. (Farm standard cow production.) De bedrijfsstandaardkoeproduktie. Bedrijfsontwikkeling (1977)8(4) p. 323-326. Dutch, with Dutch summary.

M 2106 Dommerholt, J. (IVO); Sijbrandij, S.R. & Wismans, W.M.G. (The individual standard cow production and the lactation value.) De individuele standaardkoeproduktie en de laktatiewaarde. Bedrijfsontwikkeling (1977)8(4) p. 319-321. Dutch, with Dutch summary.

M 2107 Drews, M.; Landheer, J.D. (KFNZ) & Toft, M. (Strategy and planning in dairy enterprises.) Strategie und Planung in Molkerei-Unternehmen. Milchwissenschaft (1977)32(3) p. 140-145. Refs. 9. German, with English summary.

M 2108 Elshof, W.J. (IVO). (Mechanization and processing of observations of farm animals.) De mechanisatie en verwerking van observaties van landbouwhuisdieren. Landbouwkundig Tijdschrift (1977)89(2) p. 37-41. Refs. 12. Dutch, with Dutch summary.

M 2109 Endendijk, B. (IPS). (Determination of the metabolizable energy and digestibility of some destruction fats.) Bepaling van de omzetbare energie en de verteerbaarheid van enige destruktievetten. Rapporten Instituut voor Pluimveeonderzoek no. 133.76b, Beekbergen, 1976. pp. 21. Dutch.

M 2110 Endendijk, B. (IPS). (Calculation of the digestibility of some fatty acids in a number of fats.) Berekening van de verteerbaarheid van enige vetzuren in een aantal vetten. Rapporten Instituut voor Pluimveeonderzoek no. 144.76, Beekbergen, 1976. pp. 14. Dutch.

M 2111 Geneijgen, J. van. (PR). (Research activities at the Waiboerhoeve in the winter period 1976/1977.) Onderzoekactiviteiten op de Waiboerhoeve in de winterperiode 1976/1977. Bedrijfsontwikkeling (1976)7(12) p. 911-916. Dutch.

M 2112 Gerritse, R.G. (IB) & Zugec, I. The phosphorus cycle in pig slurry from $^{32}PO_4$ distribution rates. The Journal of Agricultural Science (1977)88(1) p. 101-109. Refs. 25. English.

M 2113 Hart, N. de. (IPS). (Digestibility trial with difficult digestible protein in a colostomized cock.) Verteringsproef met(zeer) slecht verteerbaar eiwit bij een gecolostomeerde haan. Rapporten Instituut voor Pluimveeonderzoek no. 109.76, Beekbergen, 1976. pp. 14. Dutch.

M 2114 Helder, J.F. & Versteegh, H.A.J. (IPS). (Effect of Avatec and some other coccidiostatica on growth and feed conversion of broilers.) Invloed van Avatec en enkele andere coccidiostatica op de groei en voederconversie van slachtkuikens. Rapporten Instituut voor Pluimveeonderzoek no. 104.75, Beekbergen, 1976. pp. 9. Dutch, with English and Dutch summaries.

M 2115 Helder, J.F. & Versteegh, H.A.J. (IPS). (The usefulness of partially opened up potato starch in broiler feed. (3).) De bruikbaarheid van gedeeltelijk ontsloten aardappelzetmeel in slachtkuikenvoeder (3). Rapporten Instituut voor Pluimveeonderzoek no. 105.75, Beekbergen, 1975. pp. 10. Dutch, with Dutch summary.

M 2116 Hof, G. & Lenaers, P.J. (LHAVV). (Urea in rations for beef cattle.) Ureum in rantsoenen voor vleesvee. Bedrijfsontwikkeling (1977)8(1) p. 45-51. Refs. 14. Dutch, with Dutch summary.

M 2117 Holsheimer, J.P. (IPS). (Essential fatty acids in poultry nutrition.) Essentiële vetzuren in de pluimveevoeding. De Molenaar (1977)80(7) p. 182-186. Dutch.

M 2118 Holsheimer, J.P. (IPS). (Feeding requirements of broilers at the age of 5 - 6 weeks.) Over de voedingsbehoefte van slachtkuikens in de leeftijdsfase van 5 - 6 weken. Rapporten Instituut voor Pluimveeonderzoek no. 146.76, Beekbergen, 1976. pp. 17. Dutch.

M 2119 Honing, Y. van der. (IVH). Intake and utilization of energy of rations with pelleted forages by dairy cows. Landbouwkundig Tijdschrift (1977)89(3) p. 72-76. English, with Dutch summary.

M 2120 Honing, Y. van der; Steg, A. & Es, A.J.H. van. (IVH). Feed evaluation for dairy cows: tests on the system proposed in the Netherlands. Livestock Production Science (1977)4(1) p. 57-67. Refs. 13. English, with German, English and French summaries.

M 2121 Hijink, J.W.F. (PR). (Supplementary feeding of grazing dairy cattle with fodder maize asks for extra concentrates.) Bijvoeding van weidend melkvee met snijmais kost wat extra krachtvoer. Bedrijfsontwikkeling (1977)8(4) p. 315-318. Dutch, with Dutch summary.

M 2122 Janssen, W.M.M.A. (IPS). (Some aspects of the nutritional value of skimmed milk powder for poultry.) Enkele kanttekeningen t.a.v. de voederwaarde van ondermelkpoeder voor pluimvee. Rapporten Instituut voor Pluimveeonderzoek no. 115.76, Beekbergen, 1976. pp. 3. Dutch.

M 2123 Janssen, W.M.M.A. (IPS). Research on the metabolizable energy of feedstuffs for poultry and on the relation between the metabolizable energy and the chemical composition. Rapporten Instituut voor Pluimveeonderzoek no. 121.76, Beekbergen, 1976. pp. 17. Refs. 26. English.

M 2124 Janssen, W.M.M.A. & Terpstra, K. (IPS). (Determination of the metabolizable energy and digestibility of six sunflower products.) Bepaling van de omzetbare energie en de verteerbaarheid van zes zonnebloemprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 103.75, Beekbergen, 1975. pp. 14. Dutch.

M 2125 Janssen, W.M.M.A.; Terpstra, K.; Endendijk, B. & Beeking, F.F.E. (IPS). (Metabolizable energy and digestion coefficients of some destruction fats, two rice products and a cotton seed product.) De omzetbare energie en verteringscoëfficiënten van enkele destructievetten, twee rijstprodukten en een katoenzaadprodukt. Rapporten Instituut voor Pluimveeonderzoek no. 100.75a, Beekbergen, 1976. pp. 12. Dutch, with Dutch summary.

M 2126 Janssen, W.M.M.A.; Waanders, J. & Terpstra, K. (IPS). Methods to predict the metabolizable energy of feedstuffs for poultry. Rapporten Instituut voor Pluimveeonderzoek no. 138.76, Beekbergen, 1976. pp. 8. Refs. 10. English, with English summary.

M 2127 Kampen, M. van. (RUUFD). Effects of feed restriction on heat production, body temperature and respiratory evaporation in the white leghorn hen on a "tropical" day. Tijdschrift voor Diergeneeskunde (1977)102(8) p. 504-514. Refs. 28. English, with English and Dutch summaries.

M 2128 Kan, C.A. & Bouwstra, E. (IPS). (The effect of beta-HCH and HCB on laying hens over a period of 90 days.) De invloed van beta-HCH and HCB op leghennen over een periode van 90 dagen. Verslag van het proefdierkundige gedeelte. Rapporten Instituut voor Pluimveeonderzoek no. 150.76. Beekbergen, 1976. pp. 8. Dutch, with Dutch summary.

M 2129 Kan, C.A.; Tuinstra, L.G.M.T. & Folkerts, J. (IPS). (Determination of cumulation and excretion of a number of organochloric insecticides in broilers.) Bepaling van de stapeling en uitscheiding van een aantal organochloorinsecticiden bij slachtkuikenmoederdieren. Rapporten Instituut voor Pluimveeonderzoek no. 102.75, Beekbergen, 1975. pp. 18. Refs. 7. Dutch.

M 2130 Kekem-Stoffelen, A. van (CD) & Straten, H. van der. (Dairy husbandry and nature conservation. Influence of a pasture bird area in a peat pasture district on the farm managerial results.) Invloed van een weidevogelgebied in een veenweidestreek op de bedrijfseconomische resultaten. Cultuurtechnische Dienst, Mededelingen no. 118. Wageningen, 1977. pp. 24. App. Dutch, with English summary. (See also M 2156).

M 2133 Koch, J.J. (Produktschap voor Vee en Vlees, Sir Winston Churchilllaan 275, Rijswijk (Z.H.)). (Statistic Annual Report 1976.) Statistisch Jaarrapport 1976. Produktschap voor Vee & Vlees (1977). pp. 89. Dutch.

M 2134 Kruif, A. de. (RUUFD). (Studies on cattle in anoestrus.) Een onderzoek van runderen in anoestrus. Tijdschrift voor Diergeneeskunde (1977)102(4) p. 247-253. Refs. 16. Dutch, with English and Dutch summaries.

M 2135 Lamers, W.H.J. (Consulentschap voor de Akkerbouw en de Rundveehouderij, Hoefslag 2, Barendrecht). (Providing concentrates in cubicles.) Het verstrekken van krachtvoer in ligboxenstallen. Bedrijfsontwikkeling (1977)8(2) p. 129-136. Dutch, with Dutch summary.

M 2136 (The mechanization of feeding fattening calves.) (PR). Automatisering bij de voedering van vleeskalveren. Rapporten - Proefstation voor de Rundveehouderij no. 45, Lelystad, 1976. pp. 38. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 2137 Metz, S.H.M.; Wijs, M. de; Dekker, R.A. & Jongbloed, A.W. (IVH). (The incorporation of dietary fat into body fat and the turnover rate of body fat in the growing pig.) De inbouw van voervet in lichaamsvet en de afbraaksnelheid van lichaamsvet in het groeiende varken. Rapporten - Instituut voor Veevoedingsonderzoek "Hoorn" no. 106, Lelystad, 1977. pp. 31. Refs. 21. Dutch, with English and Dutch summaries.

M 2138 Meijering, A. (IPS). (Technological aspects of the use of skimmed milk powder in broiler feeds.) Voedertechnische aspekten van het gebruik van ondermelkpoeder in pluimveevoeders. Rapporten Instituut voor Pluimveeonderzoek no. 145.76, Beekbergen, 1976. pp. 9. Refs. 11. Dutch, with Dutch summary.

M 2139 Meijering, A. (IPS). (Fatty liver in laying hens in relation to nutrition.) Vette leverziekte bij leghennen in relatie tot de voeding. Rapporten Instituut voor Pluimveeonderzoek no. 153.77, Beekbergen, 1977. pp. 11. Dutch, with Dutch summary.

M 2140 Meijering, A.; Salm, L.P. van der & Dijkstra, J. (IPS). (Comparison of some feeding methods, that induce a production stop, as to their effect on the quality of the eggs laid before the actual production stop.) Het vergelijken van diverse voedermethoden, die een produktiestop induceren, ten aanzien van hun invloed op de kwaliteit van de eieren, gelegd voor de daadwerkelijke produktiestop. Rapporten Instituut voor Pluimveeonderzoek no. 152.77, Beekbergen, 1976. pp. 8. Dutch.

M 2141 Middelkoop, J.H. van & Simons, P.C.M. (IPS). The causes of abnormal hen eggs. Poultry International (1976)15(11) p. 32, 34, 36, 37, 38-39. English, with French, German, English, Spanish and Italian summaries.

M 2142 Ogink, G.J.A. (Consulentschap in algemene dienst voor de Varkenshouderij, Willemsplantsoen 6, Utrecht). (Index calculation of selection pigs.) Indexberekening bij selectievarkens. Bedrijfsontwikkeling (1976)7(12) p. 905-907. Dutch.

M 2143 Oosterlee, C.C. (LHAVT). (On keeping and herding of animals. Inaugural address. Agricultural University, Wageningen). Over houden en hoeden. Inaugurele rede - Landbouwhogeschool, Wageningen, 1977. pp. 27. App. Refs. 25. Dutch.

M 2144 Politiek, R.D. (LHAVT) & Vos, H. (The bovine selection experiment on the P.F.L. (Experimental Farm Flevoland).) De rundveeselektieproef op het P.F.L. Compilation of 10 art. in De Friese Veefokkerij:
I (1973) p. 7- 13
II (1973) p. 77- 81
III (1973) p. 614-618
IV (1974) p. 340-342
V (1974) p. 664-667
VI (1975) p. 24- 28
VII (1975) p. 96-100
VIII (1975) p. 375-379
IX (1976) p. 448-452
X (1976) p. 684-688.
Landbouwhogeschool, Wageningen, 1975. pp. 52. Dutch.

M 2145 Politiek, R.D. (LHAVT).(Scientific research at Zodiac (Zootechnic departments of the Agricultural University, Wageningen).) Wetenschappelijk onderzoek op Zodiac. Bedrijfsontwikkeling (1977)8(1) p. 43-44. Dutch.

M 2146 Putten, G. van. (IVO). (The study of a number of welfare aspects of pigs and fattening calves.) Stand van zaken betreffende het onderzoek naar een aantal welzijnsaspecten bij varkens en mestkalveren. Bedrijfsontwikkeling (1977)8(5) p. 415-424. Refs. 9. Dutch, with Dutch summary.

M 2147 Putten, G. van (IVO) & Dammers, J. (Some aspects of the behaviour of piglets in cages, compared with unweaned piglets.) Enige aspecten van het gedrag van biggen in kooien, vergeleken met dat van ongespeende biggen. Bedrijfsontwikkeling (1976)7(12) p. 897-904. Refs. 4. Dutch.

M 2148 Renkema, J.A. & Stelwagen, J. (RUUFD). (Productive life-span of dairy cows and its economic significance, 1: disposal of dairy cows: the current situation.) De gebruiksduur van melkvee en zijn economische betekenis, 1 de huidige situatie met betrekking tot de vervanging. Tijdschrift voor Diergeneeskunde (1977)102(10) p. 630-637. Dutch, with English and Dutch summaries.

M 2149 Renkema, J.A. & Stelwagen, J. (RUUFD). (Productive life-span of dairy cows and its economic significance, 2: the replacement of dairy cows an economic model.) De gebruiksduur van melkvee en zijn economische betekenis, 2: een economisch model voor de vervanging. Tijdschrift voor Diergeneeskunde (1977)102(11) p. 670-676. Refs. 10. Dutch, with English and Dutch summaries.

M 2150 Rossing, W. (IMAG) et al. Concentrate feeding outside the milking parlour. Research Reports - IMAG no. 76-3, Wageningen, 1976. pp. 15. Refs. 5. English, with English summary.

M 2151 Scheele, C.W. (IPS). (The ATP-forming capacity of nutrients as a basis for the energy evaluation of feeds.) Het ATP-vormend vermogen van nutrienten als basis van de energiewaardering van veevoeders. Rapporten Instituut voor Pluimveeonderzoek no. 108.76, Beekbergen, 1976. pp. 22. Refs. 14. Dutch.

M 2152 Scheele, C.W. (IPS). (The energy value of broiler feeds.) De energiewaardering van slachtkuikenvoeders. Rapporten Instituut voor Pluimveeonderzoek no. 148.76, Beekbergen, 1976. pp. 22. Refs. 15. Dutch.

M 2153 Scheele, C.W. (IPS). (The energy evaluation of broiler feeds.) De energiewaardering van slachtkuikenvoeders. Landbouwkundig Tijdschrift (1977)89(5) p. 133-140. Refs. 10. Dutch.

M 2154 Scheele, C.W.; Janssen, W.M.M.A. & Verstegen, M.W.A. (IPS). Feed energy that can be stored in high energy phosphate bonds, as a determinant for predicting the energy value of poultry feed. Rapporten Instituut voor Pluimveeonderzoek no. 147.76, Beekbergen, 1976. pp. 6. Refs. 6. English, with English summary.

M 2155 Sol, J. (Stichting Gezondheidsdienst voor Dieren in Overijssel, Zwartewaterallee 8, Zwolle). (Scale enlargement and animal health.) Schaalvergroting en gezondheid van dieren. Landbouwkundig Tijdschrift (1977)89(2) p. 32-36. Dutch, with English summary.

M 2156 Straten, H. van der & Kekem-Stoffelen, A. van. (PR).(Dairy farming and nature conservation. Economic aspects.) Melkveehouderij en natuurbehoud. Invloed van een weidevogelgebied in een veenweidestreek op de bedrijfseconomische resultaten. Rapporten - Proefstation voor de Rundveehouderij no. 48, Lelystad, 1977. pp. 41. Dutch, with English and Dutch summaries. Price ƒ 5,--.

M 2157 (Survey on the structure of dairy farms 1973/1974.) (CBS). Structuurenquête melkveebedrijven 1973/1974. Staatsuitgeverij, The Hague, 1977. pp. 109. Tables. Dutch, with Dutch summary.

M 2158 Terpstra, K. (IPS). Research on the digestibility and metabolizable energy of animal fats. Rapporten Instituut voor Pluimveeonderzoek no. 124.76, Beekbergen, 1976. pp. 14. Refs. 16. English, with English summary.

M 2159 Terpstra, K. & Bisalsky, A.J.N. (IPS). (Determination of organic matter and combustible energy in - chicken - urine samples.) Bepaling van organische stof en verbrandingswaarde in urinemonsters. Rapporten Instituut voor Pluimveeonderzoek no. 131.76, Beekbergen, 1976. pp. 15. Refs. 18. Dutch, with Dutch summary.

M 2160 Terpstra, K. & Janssen, W.M.M.A. (IPS). Methods for determination of the metabolizable energy and digestibility coefficients of poultry feeds. Rapporten Instituut voor Pluimveeonderzoek no. 101.75, Beekbergen, 1976. pp. 15. Refs. 10. English.

M 2161 Terpstra, K. & Janssen, W.M.M.A. (IPS). (A study of the digestibility and metabolizable energy of Dutch destruction fats.) Onderzoek naar de verteerbaarheid en omzetbare energie van Nederlandse destruktievetten. Rapporten Instituut voor Pluimveeonderzoek no. 149.76, Beekbergen, 1976. pp. 11. Dutch, with Dutch summary.

M 2162 Teunis, G.P. (IPS). (Drinking water supply for poultry.) De drinkwatervoorziening bij kippen. Biotechniek (1975)14(10) p. 177-181. Dutch.

M 2163 Verstegen, M.W.A. (LHAVT). (House climate in relation to the housing of fattening pigs.) Stalklimaat in verband met de huisvesting van mestvarkens. Bedrijfsontwikkeling (1977)8(2) p. 145-150. Refs. 21. Dutch, with Dutch summary.

M 2164 Voortwis, G.H. te & Smits, A.C. (IMAG). (Self service by means of an automatic concentrate feeder in the loose house.) Toepassing van de zelfbedieningskrachtvoerautomaat in de stal. Landbouwmechanisatie (1977)28(1) p. 59-61. Dutch, with English and Dutch summaries.

M 2165 Vos, H. (LHAVT) & Politiek, R.D. (The bovine selection trial on the Ir. Minderhoud-hoeve. 9. The milk production of the original population in the first three lactations.) De rundveeselectieproef op de Ir. Minderhoud-hoeve. 9. De melkproduktie van de uitgangspopulatie in de eerste drie laktaties. De Keurstamboeker (1977) 59(4) p. 105-107. Dutch.

M 2166 Vos, H. (LHAVT) & Rooy, J. de. (Cross-breeding experiments with sperm of North-American black and white bulls in the Netherlands, 6: milk production, exterior and choice of bulls.) Kruisingsproeven met sperma van Noordamerikaanse zwartbonte stieren in Nederland, 6: melkproduktie, exterieur en stierenkeuze. Bedrijfsontwikkeling (1977)8(5) p. 443-447. Refs. 5. Dutch, with Dutch summary.

M 2167 Waltmann, J.K. (IPS). (Determination of metabolizable energy of five fats/oils and two starch products.) Bepaling van de omzetbare energie van vijf vetten/oliën en twee zetmeelprodukten. Rapporten Instituut voor Pluimveeonderzoek no. 111.76, Beekbergen, 1975. pp. 17. Dutch.

M 2168 Waltmann, J.K. (IPS). (Digestibility trial with easy digestible protein in a colostomized cock.) Verteringsproef met zeer goed verteerbaar eiwit bij een gecolostomeerde haan. Rapporten Instituut voor Pluimveeonderzoek no. 139.76b, Beekbergen, 1976. pp. 9. Dutch, with Dutch summary.

M 2169 Wijnen, C. (LEI). (Bottlenecks on dairy farms.) Knelpunten op de melkveebedrijven. Bedrijfsontwikkeling (1977)8(5) p. 425-429. Dutch.

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(Also Nos M 1591, 1593, 1602, 1607, 2102, 2105, 2106, 2107, 2109, 2122, 2125, 2133, 2138, 2150, 2157, 2158, 2161, 2165, 2166, 2228, 2235, 2246, 2251, 2267)

M 2170 Berg, G. van den (NIZO) et al. Advantages and disadvantages of 'weak' cheese brine. Nordeuropaeisk Mejeri-Tidsskrift (1976)42(10) p. 363-377. Refs. 15. English, Danish and German.

M 2171 Boer, R. de (NIZO). The dairy industry in Holland. The Australian Journal of Dairy Technology (1977)32(1) p. 6-12. Refs. 8. English.

M 2172 Boer, R. de (NIZO); Wit, J.N. de & Hiddink, J. Processing of whey by means of membranes and some applications of whey protein concentrate. Journal of the Society of Dairy Technology (1977)30(2) p. 112-120. Refs. 31. English.

M 2173 Brant, A.W. (IPS). Selective media for psychrotrophic spoilage bacteria of fresh poultry. Spelderholt Mededeling no. 236, Beekbergen, 1975. pp. 6. Refs. 28. English. Repr.: Proceedings 2nd European Symposium on Poultry Meat, Oosterbeek, The Netherlands, May 12-16, 1975.

M 2174 Buma, T.J. & Meerstra, J. (Coöperatieve Condensfabriek Friesland, Leeuwarden). (Selfignition of powderdeposits in spraydriers for dairy products.) Zelfontbranding van poederafzettingen in verstuivingsdrogers voor zuivelprodukten. Zuivelzicht (1977)69(4) p. 84-88. Refs. 6. Dutch, with English summary.

M 2175 Buma, T.J.; Veen, H.K.C. van der & Weerstra, R. (Coöperatieve Condensfabriek "Friesland", Leeuwarden). Seasonal variatio of the colour of milk. Netherlands Milk and Dairy Journal (1977)31 p. 31-39. Refs. 11. English, with English and Dutch summaries.

M 2176 Dhont, J.H. (CIVO) & Ingen, C. van. Identification and quantitative determination of nitrosoproline and nitrososarcosine and preliminary investigations on nitrosohydroxyproline in cured meat products. CIVO-Publikatie Nr. 1098, Zeist, 1977. pp. 5. Refs. 4. English.

M 2177 Driessen, F.M. (NIZO). A comparative study of the lipase in bovine colostrum and in bovine milk. Netherlands Milk and Dairy Journal (1976)30(4) p. 186-196. Refs. 35. English, with English and Dutch summaries.

M 2178 Driessen, F.M. (NIZO) et al. The estimation of the fat acidity in raw milk. An adaptation of the BDI method, suitable for routine assays. Netherlands Milk and Dairy Journal (1977)31(1) p. 40-55. Refs. 10. English, with English and Dutch summaries.

M 2179 Ellen, G. & Tibbesma, G. (Keuringsdienst van Waren in Friesland, Leeuwarden). Cadmium, lead and mercury contents of milk, evaporated milk, buttermilk and yoghurt in the Netherlands. Netherlands Milk and Dairy Journal (1976)30(4) p. 174-185. Refs. 15. English, with English and Dutch summaries.

M 2180 Folkerts, J. (IPS). (Pesticides in broilers.) Pesticiden in slachtpluimvee. Rapporten Instituut voor Pluimveeonderzoek no. 116.76, **Beekbergen, 1976. pp. 10. Refs. 12. Dutch.**

M 2181 Frijters, J.E.R. (IPS) & Steverink, A.Th.G. (Tracing of mustyne in broilers - caused by chloranisoles in wood litter.) Opsporen van mufheid bij slachtgevogelte. Pluimveehouderij (1977)7(7/8) p. 16- Dutch.

M 2182 Gerats, G.E. & Snijders, J.M.A. (RUU).(Assessment of bacteria counts in the meat-processing industry 1: a review of the literature Bepaling van kiemgetallen in de vleesindustrie, 1: een literatuuroverzicht. Tijdschrift voor Diergeneeskunde (1977)102(6) p. 377-382. Dutch, with English and Dutch summaries.

M 2183 Gerats, G.E. (RUU) & Terbijhe, R.J. (The quantitative determination of bone particles in mechanically deboned poultry meat by means of a KOH procedure.) Der quantitative Nachweis von Knochenpartikeln in mechanisch entbeintem Geflügelfleisch durch ein KOH-Verfahren. Archiv für Lebensmittelhygiene (1975)26(6) p. 230-231. Refs. 11. German, with English summary.

M 2184 Groenen, P.J. (CIVO) et al. Determination of eight volatile nitrosamines in thirty cured meat products with capillary gas chromatography-high-resolution mass spectrometry: the presence of nitrosodiethylamine and the absence of nitrosopyrrolidine. CIVO-Publikatie Nr. 1093. Zeist. Repr. Environmental N-nitroso compounds analysis and formation, Walker, E.A. et al. ed., Lyon (IARC Scientific Publications No. 14) 1976. p. 321-331. Refs. 14. **English.**

M 2185 Jong, L. de. (LHALMT). Protein breakdown in soft cheese and its relation to consistency, 1: proteolysis and consistency of Noordhollandse Meshanger cheese. Netherlands Milk and Dairy Journal (1976)30(4) p. 242-253. Refs. 9. English, with English and Dutch summaries.

M 2186 Kan, C.A. & Bouwstra, E. (IPS). (Residues of organochloric pesticides in poultry meat and eggs.) Residuen van organochloor bestrijdingsmiddelen in pluimveevlees en eieren. Rapporten Instituut voor Pluimveeonderzoek no. 114.76, Beekbergen, 1976. pp. 7, Dutch.

M 2187 Kleter, G. (LHALMT). The ripening of Gouda cheese made under strict aseptic conditions, 1: cheese with no other bacterial enzymes than those from a starter streptococcus. Netherlands Milk and Dairy Journal (1976)30(4) p. 254-270. Refs. 19. English, with English and Dutch summaries.

M 2188 Koops, J. & Klomp, H. (NIZO). Rapid colorimetric determination of free fatty acids (lipolysis) in milk by the copper soap method. Netherlands Milk and Dairy Journal (1977)31(1) p. 56-74. Refs. 37. English, with English and Dutch summaries.

M 2189 Labots, H. (CIVO) & Mulder, S.J. (Vacuum-packed cut meat products. 2.). Vakuüm verpakte, gesneden vleeswaren (2). CIVO-Publikatie Nr. 1096, Zeist. Repr.: Vleesdistributie en Vleestechnologie (1977)(2) p. 6-9. Refs. 8. Dutch.

M 2190 Langeveld, L.P.M. (NIZO). (Bacterial growth in pasteurized milk products in relation to the keeping quality.) Bacteriegroei in gepasteuriseerde melkprodukten in verband met de houdbaarheid. Zuivelzicht (1977)69(22) p. 500-502. Dutch, with English summary.

M 2191 Langeveld, L.P.M. (NIZO) et al. A rapid method for the detection of post-pasteurization contamination in HTST pasteurized milk. Netherlands Milk and Dairy Journal (1976)30(4) p. 157-173. Refs. 26. English, with English and Dutch summaries.

M 2192 Leyenhorst, P.P. van. (Keuringsdienst van Waren, Utrecht). (The automatic determination of nitrogen and phosphate in meat products with analysis instruction.) De automatische bepaling van stikstof en fosfaat in vleeswaren. Voorschrift. De Ware(n)-Chemicus (1977)7(1) p. 1-10. Refs. 7. Dutch.

M 2193 Moosdijk, A.J.E. v.d. (Keuringsdienst van Waren, 's-Hertogenbosch) & Werten, M.E.C. (A quick screeningstest for meat-foreign proteins and fillers in raw meat products.) Een snelle screeningstest voor vleesvreemde eiwitten en vulstoffen in rauwe vleeswaren. De Ware(n)-Chemicus (1976)6(6) p. 204-205. Refs. 2. Dutch.

M 2194 Moosdijk, A.J.E. v.d. (Keuringsdienst van Waren, 's-Hertogenbosch) & Werten, M.E.C. (A quick screeningstest for meat-foreign proteins and fillers in raw meat products. Instruction.) Een snelle screeningstest voor vleesvreemde eiwitten en vulstoffen in rauwe vleeswaren. Voorschrift. De Ware(n)-Chemicus (1976)6(6) p. 206-213. Refs. 3. Dutch.

M 2195 (Netherlands Institute for Dairying Research, Ede. Annual Report 1976.) (NIZO). Nederlands Instituut voor Zuivelonderzoek, Ede. Jaarverslag 1976. NIZO, Ede, 1977. pp. 77. Dutch, with English ummary.

M 2196 Noever de Brauw, M.C. ten (CIVO); Ingen, C. van & Groenen, P Identification and quantitative determination of trace amounts of nitrosamines in cigarette smoke and cured meat products. CIVO-Publikatie Nr. 1112. Zeist. Repr. Comm. Int. des Ind. Agr. et Alim. Application de la spectrometrie de masse (sm) et de la resonance magnetique, nucleaire (rmn) dans les industries alimen taires XV Symp. Int., Bologna, 12-13 novembre 1975. p. 99-11 Refs. 4. English, with French and German summaries.

M 2197 Noomen, A. & Mulder, H. (LHALMT). Noordhollandse Meshange cheese, a model for research on cheese ripening, 1 reconstruct of the cheese. Netherlands Milk and Dairy Journal (1976)30(4) p. 230-241. English, with English and Dutch summaries.

M 2198 Notermans, S. (RIV) & Schothorst, M. van. (Poultry processing a special problem for factory hygiene.)Die Geflügelverarbeitung Ein besonderes Problem der Betriebshygiene.Die Fleischwirtsch (1977)57(2) p. 248-252. German, with English and French summaries.

M 2199 Nijpels, H.H. (Gist-Brocades N.V., Delft). Maxilact-lactase in the dairy industry. II. Applications of hydrolyzed whey. Nordeuropaeisk Mejeri-Tidsskrift (1976)42(10) p. 356-360. English, Danish and German.

M 2200 Nijpels, H.H. (Gist-Brocades N.V., Delft). Maxilact-lactase in the dairy industry. III. Applications of low lactose milk. Nordeuropaeisk Mejeri-Tidsskrift (1976)42(11-12) p. 382-388. Refs. English, Danish and German.

M 2201 Pater, B. (DOMO, Beilen). A collaborative study of the Delvotes method to detect low concentrations of penicillin in milk. Journal Food Protection (1977)40(1) p. 23-24. Ref. 1. English.

M 2202 Rook, R.A. (Stork-Friesland, Gorredijk). The economy using double-phase-drying. Nordeuropaeisk Mejeri-Tidsskrift (1976)42 p. 187-189. English, Danish and German.

M 2203 Rook, R.A. (Stork-Friesland, Gorredijk).The new Stork-spray drying plant with air-sweep. Nordeuropaeisk Mejeri-Tidsskrift (1976)42(5) p. 182-186. English, Danish and German.

M 2204 Schaap, J.E. & Rutten, G.A.M. (NIZO). Effect of technological factors on the crystallization of bulk milk fat. Netherlands Milk and Dairy Journal (1976)30(4) p. 197-206. Refs. 5. English, with English and Dutch summaries.

M 2205 Schoenmakers, M.J.G. (Vleeskeuringsdienst, Amsterdam).(Ame ment of the rules of inspection of the meat inspection act.) Wi van het onderzoekingsregulatief van de vleeskeuringswet. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 159-163. Dutch, with English summary.

M 2206 Schut, K. (Keuringsdienst van Waren, Utrecht). (A quick method for the detection of structured soya in meat products.) Een snel methode voor het aantonen van gestruktureerde soja in vleespro dukten. De Ware(n)-Chemicus (1976)6(6) p. 214-215. Refs. 1. Dutch.

M 2207 Schut, K. (Keuringsdienst van Waren, Utrecht). (A quick method for the detection of structured soya in meat products. Instruction.) Een snelle methode voor het aantonen van gestruktureerde soja in vleesprodukten. Voorschrift. De Ware(n)-Chemicus (1976)6(6) p. 216-217. Dutch.

M 2208 Schut, K. (Keuringsdienst van Waren, Utrecht); Vincentie, H.M. & Mol, H. (The detection of antibiotics in milk with aid of thinlayer electrophoresis - including instructions for analysis.) Het aantonen van antibiotica in melk met behulp van dunnelaag-electroforese. Voorschrift. De Ware(n)-Chemicus (1977)7(1) p. 17, 18-21. Refs. 2. Dutch.

M 2209 Snoeren, T.H.M. & Poll, J.K. (NIZO). (Analysis of carrageenan samples by infrared spectroscopy.) Analyse van mengsels van carrageen door middel van infraroodspectroscopie. Zuivelzicht (1977)69(7) p. 158-160. Refs. 7. Dutch, with English summary.

M 2210 Stadhouders, J.; Hassing, F. & Aalst-van Maren, N.O. van. (NIZO). A pour-plate method for the detection and enumeration of coagulase positive Staphylococcus aureus in the Baird-Parker medium without egg yolk. Netherlands Milk and Dairy Journal (1976)30(4) p. 222-229. Refs. 10. English, with English and Dutch summaries.

M 2211 Stadhouders, J.; Hup, G. & Waals, C.B. van der. (NIZO). Determination of calf rennet in cheese. Netherlands Milk and Dairy Journal (1977)31(1) p. 3-15. Refs. 8. English, with English and Dutch summaries.

M 2212 Tinbergen, B.J. (CIVO). The evaluation of meat tenderness by means of the Instron Universal Testing Instrument. CIVO-Publikatie Nr. 1090, Zeist, 1977. pp. 5. Refs. 3. English. Contribution to the second meeting of the working group "Quality assessment of the EC "Carcass and meat quality, scientific group", held at Theix, Beaumont, France, 5-7 October 1976.

M 2213 Ubbels, J. (NIZO). (Use of a heat pump for the cooling of milk and the heating of water on farms.) De warmtepomp voor het koelen van melk en het verwarmen van water op de boerderij. Zuivelzicht (1977)69(16) p. 362-365. Refs. 9. Dutch, with English summary.

M 2214 Veerkamp, C.H. (IPS). Yields of producting, processing and consuming broilers. Spelderholt Mededeling no. 235, Beekbergen, 1975. pp. 5. English. Repr.: Proceedings 2nd European Symposium on Poultry Meat, Oosterbeek, The Netherlands, May 12-16, 1975.

M 2215 Veerkamp, C.H.; Mulder, R.W.A.W. & Erdtsieck, B. (IPS). (Microbiological and process technological aspects of pasteurizing egg products.) Microbiologische en procestechnologische aspekten bij het pasteuriseren van eiprodukten. Voedingsmiddelentechnologie (1977)10(14) p. 20-23. Dutch.

M 2216 Verheij, C.P.; Ubbels, J. (NIZO) & Gaast, G. van der. (Saving on energy for the cooling of milk and the possible heating of water on farms, part 2.) Energiebesparing bij het koelen van melk en het eventueel verwarmen van water op de boerderij, deel 2. Zuivelzicht (1977)69(11) p. 248-252. Dutch, with English summary.

M 2217 Verheij, C.P.; Vries, T. de; Nuninga, J.T. & Deneken, E. (NIZO) (Test of a refrigerated farm milk tank, type 640, rated volume 640 litres, made by Japy, Paris (France).) Beproeving van een melkkoeltank, type 640, inhoud 640 l, fabrikaat Japy, Parijs (Frankrijk). NIZO-Rapporten no. R 106, Ede, 1977. pp. 28. **Dutch, with English and Dutch summaries.**

M 2218 Visser, S.; Rooijen, P.J. van (NIZO); Schattenkerk, C. & Kerling, K.E.T. Peptide substrates for chymosin (rennin).Kinetic studies with bovine kappa-casein-(103-108)-hexapeptide analogues. Biochimica et Biophysica Acta - Enzymology (1977)481(1) p. 171-176. **Refs. 28. English, with English summary.**

M 2219 Visser, S. & Slangen, K.J. (NIZO). On the specificity of chymosin (rennin) in its action on bovine beta-casein. Netherlands Milk and Dairy Journal (1977)31(1) p. 16-30. Refs. 22. English, with **English and Dutch summaries.**

M 2220 Vreeman, H.J.; Both, P.; Brinkhuis, J.A. & Spek, C.A. van der. (NIZO). Purification and some physicochemical properties of bovine kappa-casein. Biochimica et Biophysica Acta - Protein structure (1977)491(1) p. 93-103. Refs. 23. English, with English summary.

M 2221 Vries, T. de (MOC) & Stadhouders, J. (Butyric acid bacteria in milk.) Boterzuurbacteriën in melk. Bedrijfsontwikkeling (1977)8(2) p. 123-127. **Dutch, with Dutch summary.**

M 2222 Vries, T. de. (MOC). (Milking without a pulsator.) Melken zonder pulsator. Bedrijfsontwikkeling (1977)8(4) p. 333-336. Refs. 6. **Dutch, with Dutch summary.**

FOOD SCIENCE

(Also Nos M 1433, 1461, 1462, 1465, 1524, 1552, 1567, 1588, 1602, 1639, 1641, 2200, 2255, 2257, 2265)

M 2223 Akker, D. van den & Luijpen, A.F.M.G. (MVM). (Course foodstuffs hygiëne. 53. Government survey. 10. The formulation of legislative rules (continued).) Cursus levensmiddelenhygiëne. 53. Overheidstoezicht. 10. Formulering van de wettelijke normen (vervolg). Voedingsmiddelentechnologie (1976)9(40) p. 17, 20-22. Dutch.

M 2224 Cornuit, H. (LHAVO) et al. (A study of food consumption of adolescents. Attitudes, nutritional behaviour, activity and nutrition status.) Onderzoek naar de voeding van adolescenten. Oriëntatie naar attitude, voedings- en aktiviteitengedrag en voedingstoestand. Rapporten - Landbouwhogeschool Vakgroep Humane Voeding no. 77-10, Wageningen, 1977. pp. 149. Refs. 95. Dutch, with Dutch **summary.**

M 2225 Drion, E.F. (TNO) & Mossel, D.A.A. The reliability of the examination of foods, processed for safety, for enteric pathogens and Enterobacteriaceae: a mathematical and ecological study. The Journal of Hygiene (1977)78(3) p. 301-324. Refs. p. 318-319. English.

M 2226 Egmond, H.P. van (RIV) & Schuller, P.L. (Detection and quantitative determination of aflatoxins in foodstuffs.) Het aantonen en het kwantitatief bepalen van aflatoxinen in levensmiddelen. Agricultura (1976)24(3) p. 65-116. Refs. p. 113-116. Dutch.

M 2227 Ellen, G. (Keuringsdienst van Waren, Leeuwarden) & Bosch-Tibbesma, G. v.d. (A simple, automatic destruction method of fish and eggs for mercury determination.) Een eenvoudige, automatische destructiemethode van vis en eieren ten behoeve van de kwikbepaling. De Ware(n)-Chemicus (1977)7(1) p. 34-36. Refs. 3. Dutch.

M 2228 (Food Organization TNO, The Hague. Annual Report 1975.) (TNO). Voedingsorganisatie TNO. Jaarverslag 1975. TNO-jaarverslag 3. The Hague, 1976. pp. 101. Refs. p. 95-101. Dutch.

M 2229 Frijters, J.E.R. (IPS). The effect of duration of intervals between olfactory stimuli in the triangular method. Chemical Senses and Falvor (1977)2(3) p. 301-311. Refs. 22. English.

M 2230 Geerts-van der Weij, A.C.W. (LHAVO). (Meaning of slimmers.) Betekenis van slankmakers. Voeding (1977)38(5) p. 210-215. Refs. 4. Dutch.

M 2231 Hartog, C. den. (LHAVO). (Thoughts on a good alimentation). Gedachten over een goede voeding. Voeding (1977)38(3) p. 105-120. Refs. 4. Dutch.

M 2232 Hautvast, J.G.A.J. (LHAVO). (Is food aid also nutritional aid?) Voedselhulp ook voedingshulp? Voeding (1977)38(1) p. 2-9. Dutch.

M 2233 Hautvast, J.G.A.J. (LHAVO) & Bovenkamp, P. van de. (Evaluation of total lipids and fatty acids in foods.) Vetgehalte en vetzuursamenstelling van voedingsmiddelen. Voeding (1977)38(3) p. 95-104. Refs. 8. Dutch, with English and Dutch summaries.

M 2234 Hendriks, M.M.A. & Regt, N.M. de. (LHAVO). (Slimming through behaviour modification.) Vermagering via gedragsverandering. Publicaties - LH Vakgroep Humane Voeding no. 77-9, Wageningen, 1977. pp. 150. Refs. 32. Dutch, with English and Dutch summaries.

M 2235 Hermus, R.J.J. (LHAVO). Schoolmilk: a fresh start or a missed chance? Voeding (1977)38(2) p. 50-57. Refs. 11. English.

M 2236 Hezemans, A.M.; Cramwinckel, A.B. (KUN); Doesburg, W.H.; Lemmens, W.A.J.G.& Reintjes, A.G.M. (Comparison of two methods of investigation for the determination of the food intake of children between the ages 4 and 6 years.) Het vergelijken van twee onderzoekmethoden ter bepaling van de voedselopneming van 4-6 jarige kleuters. Voeding (1977)38(5) p. 216-222. Dutch, with English and Dutch summaries.

M 2237 Hoogh, J. de (LEI); Keyzer, M.A.; Linnemann, H. & Heemst, H.D.J. van. Food for a growing world population: some of the main findings of a study on the long-term prospects of the world food situation. European Review of Agricultural Economics (1976)3(4) p. 495-499. Refs. 14. English, with English summary.

M 2238 Kortbeek, S. & Anten, L. (LHAVO). (Some aspects of food habits in a Tunesian village, with special attention for the married woman and the infant.) Achtergronden van voedingsgewoonten in een Tunesisch dorp met speciale aandacht voor de getrouwde vrouw en de zuigeling. Rapporten - LH Vakgroep Humane Voeding no. 76-38. Wageningen, 1976. pp. 179. Refs. 35. Dutch, with English, **French and Dutch summaries.**

M 2239 Kroes, R. (CIVO). (Carcinogenous substances: nature, occurrence and prevention.) Kankerverwekkende stoffen aard, voorkomen en preventie. CIVO-Publikatie Nr. 1109. Zeist, 1977. pp. 6. Dutch.

M 2240 Logten, M.J. van. (RIV). (Methods for assessing permissible levels of intentional and unintentional food additives.) Wijze van vaststellen van de toelaatbare gehaltes aan gewenste of ongewenste toevoegingen in voedingsmiddelen. Tijdschrift voor Diergeneeskunde (1977)102(3) p. 164-172. Refs. 19. Dutch, with English and Dutch summaries.

M 2241 Mol, H. (Keuringsdienst van Waren, Utrecht) & Nooitgedagt, A.J. (Automatic starting of germ countings with the aid of the Eramic 25.) Het automatisch inzetten van kiemtellingen met behulp van de Eramic 25. Zuivelzicht (1977)69(8) p. 180-181. Refs. 5. Dutch.

M 2242 Mossel, D.A.A. (RUUFD). Facts and fallacies on the microbiological quality of foods. Gordian (1976)76(1) p. 10-16. Refs. 96. English.

M 2243 Mossel, D.A.A. (RUUFD) & Shennan, J.L. Micro-organisms in dried foods: their significance, limitation and enumeration. Journal of Food Technology (1976)11(3) p. 205-220. Refs. 68. English.

M 2244 Mulder, R.W.A.W. (IPS); Notermans, S. & Kampelmacher, E.H. Inactivation of Salmonellae on chilled and deep frozen broiler carcasses by irradiation. The Journal of Applied Bacteriology **(1977)42(2) p. 179-185. Refs. 22. English.**

M 2245 Nootenboom, H. (Keuringsdienst van Waren, Utrecht). (The application of amino acid analysis in the genuineness investigation of fruit juices.) De toepassing van de aminozuuranalyse bij het echtheidsonderzoek van vruchtesappen. De Ware(n)-Chemicus (1977)7(1) **p. 23-33. Refs. 26. Dutch.**

M 2246 Payens, W. (NIZO); Rethans, E.J.M. & Waard, H. de. (The influence of consumption of a large quantity of yoghurt or milk on the serum cholesterol concentration.) Einfluss des Konsums einer grossen Menge von Joghurt oder Milch auf den Serumcholesterolgehalt. Milchwissenschaft (1976)31(9) p. 525-530. Refs. 11. **German, with English summary.**

M 2247 Prinsen, A.J. (Keuringsdienst van Waren, Amsterdam); Kennedy, W.B.H. & Hittenhausen-Gelderblom, R. (Chemical analysis of cognac. III. Contents of 2-methylbutanol-1,3 methylbutanol-1 and butanol-2 in some reference samples.) Chemische analyse van cognac. III. Gehalte aan 2-methylbutanol-1, 3-methylbutanol-1 en butanol-2 in een aantal referentiemonsters. De Ware(n)-Chemicus **(1977)7(1) p. 11-16. Refs. 3. Dutch.**

M 2248 Sand, F.E.M.J. & Grinsven, A.M. van. (Naarden International N.V., Naarden). Comparison between the yeast flora of Middle Eastern and Western European soft drinks. Antonie van Leeuwenhoek (1976)42(4) p. 523-532. Refs. 38. English, with English **summary.**

M 2249 Schuddeboom, L.J. (MVM). Food inspection and EEC policy. Food Policy (1977)2(1) p. 17-26. English.

M 2250 Steinbuch, E. (SI). Food preservation by acid sensibilization of bacterial spores. 2. Quality aspects. Wageningen, Sprenger Instituut, Overdruk No. 239, Wageningen, ca. 1976. pp. 11. Refs. 13. English. Reprint: Proc. IV Int. Congress Food Sci. and Technol. (1974) Vol. IV. p. 80-90. ISBN 84 00 04249 2.

M 2251 Tamminga, S.K.; Beumer, R.R. (LHALMT); Leusden, F.M. van & Kampelmacher, E.H. (Survival of Salmonella eastbourne and Salmonella typhimurium in milkchocolate prepared with artificially contaminated milkpowder.) Overleving van Salmonella eastbourne en Salmonella typhimurium in melkchocolade bereid met kunstmatig besmet melkpoeder. Voedingsmiddelentechnologie (1977)10(14) p. 10-11. Refs. 6. Dutch, with Dutch summary.

M 2252 Waard, H. de (NIZO) & Schaafsma, G. (The effect of the diet on the cholesterol metabolism of genetically obese rats.) Invloed van de voeding op de cholesterolstofwisseling van de genetisch vetzuchtige rat. Zuivelzicht (1977)69(14) p. 318-321. Refs. 21. Dutch, with English summary.

PROCESSING, TECHNOLOGY

(Also Nos M 1433, 1436, 1441, 1446, 1449, 1462, 1526, 1591, 1647, 1660, 1706, 1718, 1761, 1822, 1840, 1846, 1855, 1862, 1864, 1869, 1930, 1933, 1936, 1949, 1961, 1968, 1969, 1972, 1973, 2013, 2016, 2017, 2018, 2022, 2028, 2029, 2030, 2031, 2032, 2037, 2063, 2066, 2067, 2087, 2088, 2115, 2172, 2189, 2191, 2198, 2202, 2203, 2204, 2206, 2207, 2213, 2215, 2216, 2228, 2243, 2244, 2250 & 1829)

M 2253 Blok, J. (AKZO, Arnhem). Measurements of the viable biomass concentration in activated sludge by respirometric techniques. Water Research (1976)10(10) p. 919-925. Refs. 15. English.

M 2254 Bloot, F. (TNO) & Heide, B.A. (Process for the purification of town sewage. A comparison of physico-chemical and biological purification methods.) Processen voor de zuivering van stedelijk afvalwater. Een vergelijking van fysisch-chemische en biologische zuiveringsmethoden. TNO Project (1977)5(1) p. 30-36. Refs. 6. Dutch.

M 2255 (Central organization for Research in the Applied Sciences, The Hague. Annual Report 1975.) (TNO). Centrale organisatie TNO, jaarverslag 1975. TNO-jaarverslag 1, The Hague, 1976. pp. 204. Refs. p. 186-203. Dutch.

M 2256 Drent, J. (ICW). (The use of process water of the potato starch industry in agriculture.) Verwerking proceswater aardappelmeelindustrie in de landbouw. Regionale studies ICW no. 10, Wageningen, 1976. pp. 49. Refs. 9. Dutch, with Dutch summary.

M 2257 Dijkstra, F.IJ. (THD). Submerged cultures of mushroom mycel as sources of protein and flavour compounds. Doctoral thesis, Delft, 1976. pp. 106. Refs. 168. English, with English and Dutch summaries.

M 2258 Flórián, G.J. (KNHM). (Refuse tipping at the surface. Soil technical aspects.) Afvalberging aan de oppervlakte; grondtechnische aspecten. De Ingenieur (1977)89(2) p. 36-41. Refs. 4. Dutch.

M 2259 Glazer, W. (Provinciale Gelderse Elektriciteitsmaatschappij, Utrechtseweg 85, Arnhem). (Electricity on the farm.) Elektriciteit en het agrarische bedrijf. Landbouwmechanisatie (1977)28(2) p. 161-165. Dutch, with Dutch summary.

M 2260 Groot, A.P. de (CIVO) et al. Severe alkali treatment of proteins. CIVO-Publikatie Nr. 1111. Zeist, 1977. Repr. In Evaluation of proteins for humans. (C.E. Bodwell, ed.). AVI, 1977. p. 279-28 Refs. 34. English.

M 2261 Maris, W. (Economic activity - including agriculture - and environmental deterioration.) Bedrijfstakken en milieu-aantasting Economisch Statistische Berichten (1977)62(3107) p. 544-547. Dutch.

M 2262 Nieuwenhuis, A. (IBVL) & Nielen, L. van. Storage of pre-peeled potatoes in practice. Instituut voor Bewaring en Verwerking van Landbouwprodukten Publikatie 273 B. Wageningen, 1974. pp. 7. Refs. 5. English.

M 2263 Nieuwenhuizen, G.H. van. (SI). The temperatures of quick frozen foods during local distribution and in retail cabinets. Sprenger Instituut - Report No. 1923. Wageningen, 1975. pp. 12. English.

M 2264 Stender, J.A. (IMAG). (Alternative energy sources.) Alternatieve energiebronnen. Bedrijfsontwikkeling (1977)8(2) p. 178-182. Dutch.

M 2265 Stolk, A.L. (THD). (Why refrigeration technique? - included production of potable water, cooling with sun energy. Inaugural address.) Waarom koeltechniek? Delftse Universitaire Pers. Inaugurele rede. Delft, 1976. pp. 23. Refs. 8. Dutch.

M 2266 Tjeng, T.D. (Stork Apparatenbouw BV, Amsterdam) & Olie, J.J. Why solvent extraction of palm oil is not to be recommended. Oleagineux (1975)30(12)523-528. Refs. 10. English, with French and Spanish summaries.

M 2267 Treurniet, D.M.L. (CIVO). (Properties of some modified starches in meat products.) Eigenschappen en toepassingsmogelijkheden van een aantal gemodificeerde zetmelen in vleeswaren. CIVO-Publikatie Nr. 1103, Zeist. Repr. Vleesdistributie en vleestechnologie (1977)(3) p. 6-7. Refs. 5. Dutch.

M 2268 Werkhoven, C. (IMAG). (Electric generators.) Stroomaggregaten. Landbouwmechanisatie (1977)28(2) p. 143-146. Dutch.

TOWN AND COUNTRY PLANNING (LANDSCAPE, ARCHITECTUR RECREATION ETC.)

(Also Nos M 1432, 1467, 1619, 1656, 1721, 1731, 1753, 1757, 1850, 1891, 2086, 2314)

M 2269 Akkers, B.P. (CD). (A databank for land division.) Een databank voor de landinrichting. Cultuurtechnisch Tijdschrift (1977)16(5) p. 220-225. Dutch.

M 2270 Alberts, R. (KNHM). (Experiences with transplanting big trees.) Ervaringen met het verplanten van grote bomen. Gemeentewerken (1977)6(3) p. 63-66. Dutch.

M 2271 Bellemakers, M.A. (CD). (A method of research into the ability of areas for certain forms of recreation in the open air.) Een methode van onderzoek naar de geschiktheid van gebieden voor bepaalde vormen van openluchtrecreatie. Cultuurtechnisch Tijdschrift (1976)16(2) p. 61-73. Refs. 6. Dutch.

M 2272 Benthem, R.J. (SBB). Landscape planning: things to come. Landscape Planning (1976)3(4) p. 417-420. Refs. p. 452. English.

M 2273 Bouwer, K. (Instituut Lerarenopleiding "Ubbo Emmius", Groningen-Leeuwarden). (Landscape and social geography.) Landschap en sociale geografie. K.N.A.C. Geografisch Tijdschrift (1977)11(1) p. 15-29. Refs. 69. Dutch, with English summary.

M 2274 Broekhuis, E. (Gelderse Christelijke Boeren- en Tuindersbond, Bouriciusstraat 13, Arnhem). (What is a landscape park?) Wat is een landschapspark? Openbare Uitgaven (1977)9(2) p. 69-72. Dutch.

M 2275 Cate-van Elsland, M. ten. (RBL). (Transplanting of "big trees".) Het verplanten van "grote bomen". Gemeentewerken (1977)6(3) p. 54-57. Dutch.

M 2276 Dekker, K.M. (LEI). (Landscape and agriculture in municipal development plans - in the Netherlands.) Landbouw en landschap in bestemmingen buitengebied. Stedebouw & Volkshuisvesting (1976)(1) p. 9-20. Refs. 5. Dutch.

M 2277 Driel, J.A. van. (Werkgroep Nationale Landschapsparken, Postbus 186, Delft). (Agriculture in - Dutch - landscape parks.) Landbouw in de landschapsparken. Mededelingen Werkgemeenschap Landschapsecologisch Onderzoek (1977)4(1) p. 12-15. Refs. 10. Dutch.

M 2278 Embden, A.G. van. (Provinciale Planologische Dienst, Australiëlaan 16, Utrecht). (Farm strips in Utrecht-West - landscape aspects.) Boerderijstroken in Utrecht-West. Recreatievoorzieningen (1977)9(3) p. 108-113. Refs. 7. Dutch, with English summary.

M 2279 Guldemond, J.L. (Gemeentelijke Dienst van de Hout, de plantsoenen en de begraafplaatsen, Haarlem). (The tree along the road.) De boom langs de weg. Gemeentewerken (1977)6(3) p. 51-53. Dutch.

M 2280 Haan, P. de. (THD). (Macro- and micro-planological aspects of land planning from juridical viewpoint.) Macro- en micro-planologische aspecten van de landinrichting van juridisch standpunt beschouwd. De Pacht (1977)37(3) p. 66-81. Dutch.

M 2281 Hermens, L.C.M. (SBB). (Planting and maintenance of stream maintenance.) Beplanting en beekonderhoud. Extern (1975)4(11) p. 607-620. Refs. 5. Dutch.

M 2282 Hoekstra, A. (Publieke Werken, Amsterdam). (Trees, living street amenity.) Bomen, levend straatmeubilair. Gemeentewerken (1977)6(3) p. 69-74. Dutch.

M 2283 Horst, J.T. ter. (SBB). (The Gulp valley - S.Limburg, Netherlands - nucleus of a future national landscape park.) Het Gulpdal, kern van het toekomstige nationale landschapspark. Natura (1977)74(4) p. 89-117. Refs. 13. Dutch.

M 2284 Klooster, H.J. van 't. (Nederlands Instituut van Landbouwkundig Ingenieurs, Postbus 79, Wageningen). (The Wageningen engineer at work in planology.) De Wageningse ingenieur werkzaam in de planologie. Stedebouw en Volkshuisvesting (1977)58(3) p. 120-123. Refs. 5. Dutch.

M 2285 Lier, H.N. van. (ICW). (The environs - of a town, development of the countryside, social aspects. Inaugural address.) Het ommeland. Inaugurele rede - Landbouwhogeschool, Wageningen, 1977. pp. 36. Refs. 20. Dutch.

M 2286 Manten, A.A. (Elsevier, P.O.Box 330, Amsterdam) & Weddle, A.E. Retrospect and prospect after two years' work on a new journal - Landscape Planning. Landscape Planning (1976)3(1, 2) p. 1-4. English.

M 2287 Martens, M.J.M. (KUN). (Noise and trees.) Geluid en groen. Gemeentewerken (1977)6(3) p. 58-63. Refs. 3. Dutch.

M 2288 Meijer, W. (CRM). (Impossible without the farmer. Backgrounds and starting points of the three "Green notes" - on zoning in the Netherlands.) Zonder de boer zal het niet gaan; achtergronden en uitgangspunten van de drie "groene nota's". Natuur en Landschap (1975)29(3) p. 61-72. Dutch.

M 2289 Onzenoort, A.A.H.C. van. (CRM). (Recreation-in-the-open policy in populated areas and town renewal - in the Netherlands.) Het openluchtrecreatiebeleid in de woongebieden en de stadsvernieuwing. Groen (1975)31(12) p. 383-387. Dutch.

M 2290 Perlo, L. van. (SBB). (Landscape investigation.) Landschapsonderzoek. Groen (1976)32(1) p. 3-5. Dutch.

M 2291 Schrijvers, A.J. (Provinciale Planologische Dienst van Noord-Holland, J.J. Hamelinkstraat 4, Haarlem). (Recreative aspects of national landscape parks.) Recreatieve aspecten van nationale landschapsparken. Plan (1976)7(9) p. 36-42. Refs. 6. Dutch.

M 2292 Spierings, C.J.M. (LEI) & Tjoonk, L. (The municipal personal staffing in the - public - green sector.) Het gemeentelijk personeelsbestand in de groene sector. LEI-Afd. Structuuronderzoek. Publ. No. 2.88. The Hague, 1976. pp. 70. Dutch. Price ƒ 12,50.

M 2293 Tjoonk, L. (LEI). (Site plans and their significance for changes in technical production conditions.) Bestemmingsplannen en hun betekenis voor verandering van cultuurtechnische produktie-omstandigheden. Bedrijfsontwikkeling (1977)8(2) p. 107-112. Dutch.

M 2294 Udo de Haes, H.A. (RUL) et al. (A description and analysis of the decline of the open space in the area Leiden - Den Haag - Delft - Netherlands.) Een beschrijving en analyse van de afname van de open ruimte in het gebied Leiden - Den Haag - Delft. Stedebouw & Volkshuisvesting (1977)58(2) p. 43-55. Refs. 18. Dutch.

M 2295 Verkoren, J. (SBB). Landscape planning to be or not to be. Landscape Planning (1976)3(4) p. 359-362. Refs. p. 452. English.

M 2296 Wijck, H.W.M. van der. (Stichting Vakblad voor de Boomkwekerij, Prinses Beatrixlaan 100, Waddinxveen). (Proposals to inventarizing and classification of manors and historical landscapes.) Voorstellen tot inventarisatie en klassificatie ter bescherming van buitenplaatsen en historische landschappen. Groen (1977)33(2) p. 41-50. Refs. 10. Dutch.

M 2297 Wijck, H.W.M. van der. (Stichting Vakblad voor de Boomkwekerij, Prinses Beatrixlaan 100, Waddinxveen). (The restoration of the - former Dutch royal palace - Het Loo.) "De restauratie van het Loo". Groen (1977)33(2) p. 51-62. Dutch.

M 2298 Zonderwijk, P. (PD). (The order of fit up - urban - green.) De orde van aangekleed groen. Groen (1977)33(2) p. 33-40. Refs. p. 40. Dutch.

WILD ANIMALS, HUNTING, FISHERIES, FISH BREEDING ETC.

(Also Nos M 1463, 1623, 1640, 2228)

M 2299 Banning, P. van. (RIVO). (Risks of illegal introduction of grass carp, Ctenepharyngodon idella Val.) Gevaren bij illegale uitzetting van de graskarper, Ctenopharyngodon idella Val. Visserij (1977)30(1) p. 26-29. Refs. 5. Dutch, with English and Dutch summaries.

M 2300 Corten, A.A.H.M. (RIVO). (Will sprat take the place of North Sea herring?) Gaat sprot de plaats innemen van de Noordzeeharing? Visserij (1977)30(1) p. 10-16. Dutch, with English and Dutch summaries.

M 2301 Dulk, A. den. (LEI). (Costs and earnings in the Dutch shrimp-fishery. 1975.) Bedrijfsresultaten van de garnalenvisserij. Definitieve cijfers 1975. Publikaties - LEI no. 5.45, The Hague, 1976. pp. 30. Dutch, with English summary. Price ƒ 8,--.

M 2302 (Financial position of small sea fishing enterprises - in the Netherlands.) (LEI). Financiële positie van bedrijven in de kleine zeevisserij. Mededelingen - LEI no. 156, The Hague, 1976. pp. 46. Dutch.

M 2303 Haasteren, L.M. van. (MLV). (Electrical fishing in the Netherlands.) Elektrisch vissen in Nederland. Visserij (1977)30(2) p. 63-74. Refs. 6. Dutch, with English and Dutch summaries.

M 2304 Jager, J. de (LEI); Smit, W. & Wilde, J.W. de.(Revised estimation of returns of the Dutch fishery in 1975.) Herziene raming van de bedrijfsuitkomsten van de Nederlandse visserij in 1975. Landbouw-Economisch Instituut, Afdeling Visserij en Bosbouw. Inlichting no. 153, The Hague, 1975. pp. 10. Dutch.

M 2305 Jongman, D.(RUG); Ruyter, J.C. & Veen, H.E. van de. (Heather and bilberry as a winterfood for red deer (Cervus elaphus).) Heide en bosbes als wintervoedsel voor edelherten. Nederlands Bosbouw Tijdschrift (1977)49(4) p. 171-174. Refs. 9. Dutch, with English summary.

M 2306 Korringa, P. (RIVO). (Scientific investigations on behalf of the Dutch shellfish industries. Wetenschappelijk onderzoek ten behoeve van de Nederlandse schelpdiercultures. Visserij (1977)30(2) p. 47-62. Refs. 26. Dutch, with English and Dutch summaries.

M 2307 Leeuwen, P.I. van. (RIVO). (The results of groundfish surveys in the Irish Sea, spring 1975 and 1976.) Bestandsopnamen van bodemvis in de Ierse Zee in het voorjaar van 1975 en 1976. Visserij (1977)30(1) p. 17-25. Dutch, with English and Dutch summaries.

M 2308 Ruiter, A. (Institute for Fishery Products T.N.O., Dokweg 37, IJmuiden) & Weseman, J.M. The automated determination of volatile bases (trimethylamine, dimethylamine and ammonia) in fish and shrimp. Journal of Food Technology (1976)11(1) p. 59-68. Refs. 11. English.

M 2309 Smit, W. (LEI). (Estimation of the returns of the Dutch marine fishery in 1976.) Raming van de bedrijfsuitkomsten van de Nederlandse zeevisserij in 1976. Landbouw-Economisch Instituut. Inlichting 154. The Hague, 1975. pp. 8. Dutch.

M 2310 Steinmetz, B. (Directie van de Visserijen, Bezuidenhoutseweg 73, Den Haag) & Bakker, J.G. (ICW). (The importance of the Biesbosch - North Brabant - for sport fishery.) De betekenis van de Biesbosch voor de sportvisserij. Directie van de Visserijen, Documentatierapport No. 18. (X). The Hague, 1977. pp. 75. App. Refs. 9. Dutch, with Dutch summary.

M 2311 Steinmetz, B. (MLV). (An improved tagging method for trout and the planting of trout in the Lake Veere (Netherlands).) Een verbeterde merk-methode voor forel, en de foreluitzettingen in het Veerse Meer. Visserij (1977)30(2) p. 75-82. Refs. 5. Dutch, with English summary.

M 2312 Veen, J.F. de. (RIVO). (Prospects for Dutch fishing of flat-fish, 3: exploitation pattern of sole fishing closed areas and mesh size.) Vooruitzichten in de Nederlandse visserij op platvis, 3 het exploitatie-patroon van de tongvisserij gesloten gebieden en maaswijdte. Visserij (1976)29(8) p. 479-493. Dutch.

GEOGRAPHY

(Also No M 2273)

M 2313 Bakker, J.P. (RUG). Phytogeographical aspects of the vegetation of the outer dunes in the Atlantic province of Europe. Journal of Biogeography (1976)3(2) p. 85-104. Refs. p. 103-104. English.

M 2314 Bruin, J. de. (KUN). (Von Thünen - theory on agricultural geography - reversed. A generalizing method.) Von Thünen omgekeerd. Geografisch Tijdschrift (1976)10(5) p. 365-374. Refs. 13. Dutch.

EUPHYTICA

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EFACE

ENTIETH ANNIVERSARY OF PUDOC. 2.

blishing statistics

r twentieth birthday was occasion to take a look what work has been published
Pudoc since it started.

ble 1 indicates trends in the publishing of books and other occasional publi-
tions by Pudoc. Because of different trends in numbers of pages per publi-
tion through the publication of large proceedings and of short research re-
rts, both statistics are included. For instance three proceedings have ex-
eded 600 pages and some reports are less than 20 pages.

e numbers of publications differ from those listed in Pudoc reports: because
some omissions from annual reports and some restrictions in this survey
'Other publications' (see below); because new impressions (requiring no
iting) and new editions (with little or much editing) are here omitted unless
previous edition was issued by another institution. Works published in
glish and Dutch editions, simultaneous or consecutive, are listed only under
first year of issue and are counted as one publication for the combined to-
s. Multivolume works are counted as one publication if all volumes were
blished in the same year.

e numbers of pages include any separate sequence of prelims but ignore
numbered pages of plates or sheets containing insert maps or charts.

e criteria for an English publication are that it is the main language or a
in language of the text. A few publications (including the glossaries and an
as) include parallel texts; some English proceedings include contributions
other languages.

e statistics should reflect more closely the amount of editorial work and
glish revision on Pudoc publications than the data in Pudoc's annual reports.
vertheless production statistics are no direct indication of intellectual
fort.

Table 2 divides the 92 'other' publications by type. Some of the categories are subjective and overlap: for instance, two of the manuals have also been classed as student textbooks; the division between 'manual' and 'treatise' (as defined by Maltha 1975) is rather arbitrary. 'Symposium' is here taken as a work including contributions by different authors or groups of authors. Those listed have also a firm editorial plan and form a coherent work, in contrast to the collections of papers in 'proceedings' (of congresses).

Two series merit special mention. The 'Biologische Raad Reeks', are the heavily edited proceedings of meetings organized by the Biological Council of the Netherlands Academy of Sciences, of which one or two have been published each year since 1964. 'Simulation Monographs' were started in 1972 and describe how systems relevant to agriculture and their changes can be modelled to allow predictions by computer.

Of individual publications, suffice it to mention the largest project, the 'Agro-Ecological Atlas on cereal-growing in Europe' started in 1963. Volume appeared in 1965; Volume 2 in 1969; Volume 3 should appear in about a year or so.

Table 2. Types of publications other than VLO published by Pudoc 1959-1976.

Type	Number of publications
Advances (in seed research)	2
Atlas	2
Bibliography	4
Biography	2
Dictionary, glossary	4
Directory of research (horticulture)	1
Festschrift	2
Manual; recommendations; books for identification (of soils or organisms)	24
- Simulation Monographs	8
Proceedings (other than special issues of journals)	23
- Biologische Raad Reeks	14
Research report	1
Symposium or polygraph (excluding 'advances')	6
Tables (historical units of measure)	1
Textbook	3
Thesis (1970, 1972)	2
Treatise, advanced monograph	9

Reference

Maltha, D.J.; 1976. Technical literature search and the written report. Pitman, London. ISBN 0 273 00399 2. viii + 175 pp.

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- fibre crops (cotton, sisal, kenaf, jute, etc.)
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4034	-06-06	Compost, especially composition of compost and soil (En 25, Ger 14, Nl 16, Fre 1)	46
4035	-06-06	The Dutch cow (Nl 7)	7
4036	-06-09	Eating habits in staff cantines and ways of changing them (En 12, Nl 2)	14
4037	-06-15	Stability of sauces (En 17, Ger 4)	21
4038	-06-21	Areic yield of pot plant nurseries (En 7, Nl 5, Ger 4)	16
4039	-06-21	Visitors' kiosks (Nl 14, En 2)	16
4040	-06-21	Light-emitting toadstools (En 25, Russ 1)	26
4041	-06-24	Pineapple fibre (En 5, Nl 2, Esp 1, Fre 1, Ger 1)	10
4042	-06-28	Economics of coffee and tea growing in Tanzania (En 12)	12
4043	-07-07	The woman's role in dairying in developing countries (En 14)	14
4044	-07-12	Pod-boring insects including Maruca testulalis	45
4045	-07-29	Use of waste from vegetables and fruit (En 22, Nl 4)	26
4046	-08-12	Introduction to plant physiology (En 18, Ger 4, Nl 6)	28
4047	-08-19	Effect of combinations of antibiotic and growth substances on performance of poultry, pigs and calves	87
4048	-08-18	Horticulture (En 19)	19
4049	-08-19	Use of cooling water (waste heat) in horticulture (En 19)	19
4050	-08-23	Influence of breeding, feeding, management and environmental factors on fertility of beef and dairy cattle; influence of fertilizers on grassland	57
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4052	-08-26	Influence of nitrate or nitrite on meat colour before slaughter (En 6, Pol 2, Ital 1)	9

4053	1977-08-30	Two rice-crops per year with irrigation; rice culture in West Africa (En 16, Fre 5, Nl 1)	22
4054	-08-30	Beet leaf processing; wheat and maize straw as a feedstuff (mainly English titles)	42
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4057	-09-13	Breeding vanilla	19
4058	-09-20	Platyptilia gonodactyla and other species (Lepidoptera: Pterophoridae)	24
4059	-09-20	Insect pheromones in fruit growing: recent literature	38
4060	-09-20	Fruit growing: some books (Nl 4, En 2)	6
4061	-09-22	Effect of music on animals (En 6, Nl 1, Russ 1)	8
4062	-09-28	Fertility of horses; oestrogens in cattle, horses, sheep and pigs, especially during pregnancy	52
4063	-10-07	Consequences and evaluation of government agricultural measures	16
4064	-10-07	Keeping horses; housing; feeding	25
4065	-10-13	Processes during ensiling of green forage	15
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4067	-10-17	Solid waste and fertilizing effect of residue of pig and cattle manure, used for gas production (14 titles; 2 bibliogr.)	16
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4069	-10-18	Witloof chicory without earthing up	35
4070	-10-18	Designing ships for cattle transport	15

LANGUAGE ABBREVIATION

(Arab)	Arabic	(Ger)	German	(Nor)	Norwegian
(Bel)	Belorussian	(Gr)	Greek	(Pol)	Polish
(Bulg)	Bulgarian	(Hung)	Hungarian	(Port)	Portugese
(Chin)	Chinese	(Indon)	Indonesian	(Rom)	Romanian
(Cro)	Croatian	(Iran)	Iranian	(Russ)	Russian
(Cze)	Czech	(Ital)	Italian	(S.Afr.)	S. African
(Dan)	Danish	(Jap)	Japanese	(S-C)	Serbo-Croat
(En)	English	(Kor)	Korean	(Ser)	Serbian
(Esp)	Spanish	(Lat)	Latin	(Slo)	Slovak
(Est)	Estonian	(Latv)	Latvian	(Slv)	Slovenian
(Finn)	Finnish	(Lit)	Lithuanian	(Swe)	Swedish
(Fre)	French	(Nl)	Dutch, Flemish	(Ukr)	Ukrainian

DUTCH PUBLICATIONS IN AGRICULTURAL SCIENCE

BASIC SCIENCES

Library, documentation, information

M 2315 Jong-Hofman, M.W. de. (THD). Research into the practical results of on-line information retrieval: an extensive analysis. Aslib Proceedings (1977)29(5) p. 197-208. English.

M 2316 (Study of a pilot project for compiling review articles in agriculture.) (PUDOC). Pudoc, Wageningen, 1976. pp. 46. Refs. 15. English.

Social sciences (advice, education, insurance, migration, public relations etc.)

(Also Nos M 2362, 2370, 2403, 2426, 2681, 2741, 2752)

M 2317 Berkel, Th.J. van (LEI) & Wijk, J. de. (Winterswijk-West. Social-economic survey of a re-allocation area in the Achterhoek - Netherlands.) Winterswijk-West. Sociaal-economische verkenning van een ruilverkavelingsgebied in de Achterhoek. Landbouw-Economisch Instituut, The Hague, 1977. pp. 80. Dutch.

M 2318 (Encyclopedia of sociology. Valk, J.M.M. de; editor.) (Elsevier, Amsterdam). Encyclopedie van de Sociologie. Amsterdam enz. Elsevier. 1977. pp. 301. Dutch. ISBN 90 10 01727 3.

M 2319 Groot, J.P. & Groot, M.E. de. (LHAS). (The small villages in the province of Groningen - Netherlands.) De kleine dorpen in Groningen. Landbouwhogeschool, Wageningen, 1976. pp. 166. Refs. 45. Dutch, with Dutch summary.

M 2320 Nooij, A.T.J. (LHAS). Protest and political participation in agriculture. The Netherlands Journal of Sociology (1977)13(1) p. 20-33. Refs. 15. English.

Economics, trade

(Also Nos M 2317, 2395, 2396, 2403, 2416, 2418, 2426, 2448, 2458, 2475, 2584, 2586, 2609, 2641, 2642, 2645, 2650, 2689, 2712, 2716, 2723, 2749, 2752)

M 2321 Dooren, P.J. van. (KIT). (Cooperations for developing countries: an introduction to cooperative business, especially in developing countries.) Coöperaties voor ontwikkelingslanden; een inleiding tot het coöperatiewezen, speciaal in ontwikkelingslanden. Kon. Inst. voor de Tropen, Amsterdam, 1976. pp. 62. Refs. Dutch.

M 2322 Hanegraaff, C.F. (MLV). (Control of land rents and land value - Netherlands. 2.). Controle op pachtprijzen en landwaarde. 2. De Pacht (1977)37(7) p. 230-246. Dutch.

Political sciences

(See Nos M 2320, 2322, 2355, 2359, 2362, 2370, 2445, 2599, 2
2684, 2749)

Atomic sciences

(Also Nos M 2438, 2536, 2537, 2557, 2633, 2637, 2729)

M 2323 Institute for Atomic Sciences in Agriculture, Wageningen. Application of atomic energy in agriculture - Annual report 1975. (ITAL). Instituut voor toepassing van atoomenergie in de Landbou
Wageningen, 1976. pp. 180. English.

M 2324 Institute for Atomic Sciences in Agriculture, Wageningen. Application of atomic energy in agriculture - Annual report 1976. (ITAL). Instituut voor toepassing van atoomenergie in de landbouw
Wageningen, 1977. pp. 157. English, with English summary.

Mathematics

(See Nos M 2326, 2341, 2346, 2441, 2453, 2462, 2480, 2566,
2631, 2670)

Physics, biophysics

(See Nos M 2333, 2341, 2343, 2356, 2429, 2435, 2454, 2457,
2472, 2480, 2481, 2554, 2602, 2603, 2607, 2610, 2698, 2734)

Chemistry, biochemistry

(See Nos M 2325, 2329, 2331, 2333, 2341, 2348, 2350, 2353, 2356,
2383, 2387, 2389, 2402, 2451, 2467, 2488, 2489, 2490, 2498, 25
2531, 2536, 2537, 2542, 2545, 2558, 2559, 2561, 2565, 2568, 2
2606, 2607, 2611, 2625, 2626, 2633, 2639, 2662, 2682, 2688, 26
2692, 2695, 2698, 2699, 2700, 2705, 2706, 2709, 2722, 2731)

Geology, meteorology

(Also Nos M 2395, 2440, 2443, 2446, 2450, 2455, 2462, 2463, 24
2468)

M 2325 Koster van Groos, A.F. (University of Illinois, U.S.A.) & Visser, W. (Demixing in silicate melts; a geochemical process?) Ontmenging in silikaatsmelten; een geochemisch proces? Chemisch Weekblad (1977)(app. to 12) p. 109-111. Dutch.

M 2326 Zuylen, L. van (ITC). Developments in automation in cartography I
Journal (1977)(2) p. 325-335. Refs. 16. English, with French and
Spanish summaries.

Biology

(Also Nos M 2337, 2344, 2358, 2364, 2368, 2444, 2466, 2513, 2581, 2583, 2593, 2638, 2685, 2686, 2688, 2692, 2693, 2694, 2702, 2704, 2705, 2709, 2729)

M 2327 Haaker, H. (LHABC) & Veeger, C. Involvement of the cytoplasmic membrane in nitrogen fixations by Azotobacter vinelandii. European Journal of Biochemistry (1977)77(1) p. 1-10. Refs. 41. English.

M 2328 Owen, D.F. (Ekologische uitgeverij, Saenredamstraat 4A hs, Amsterdam). (What is ecology?) Wat is ekologie? Ekologische Uitgeverij, Amsterdam, 1977. pp. 176. Refs. p. 171-172. Dutch. ISBN 90 6224 031 3.

M 2329 Zee, R. van der (RUG); Duisterwinkel, F.J. & Welling, G.W. Antigenicity of bovine ribonuclease modified at tyrosine or arginine residues. European Journal of Biochemistry (1977)77(1) p. 125-131. Refs. 32. English.

Botany

(Also Nos M 2387, 2470, 2483, 2493, 2521, 2538, 2542, 2543, 2556, 2564, 2573, 2606, 2620, 2626, 2629, 2633, 2637, 2651)

M 2330 Alberda, T. (CABO). Crop photosynthesis:methods and compilation of data obtained with a mobile field equipment. Agricultural Research Reports no. 865, Pudoc, Wageningen, 1977. pp. 46. Refs. 18. English, with English summary. ISBN 90 220 0628 X. Price ƒ 6,--.

M 2331 Dertien, B.K. (RUG); Kok, L.J. de & Kuiper, P.J.C. Lipid and fatty acid composition of tree-growing and terrestrial lichens. Physiologia Plantarum (1977)40(3) p. 175-180. Refs. 22. English.

M 2332 Efrat, Y.; Pieterse, A.H. (KIT) & Bouman, F. A comparative study of developing air chambers in flat and gibbous fronds of Lemna gibba L. Acta Botanica Neerlandica (1977)26(4) p. 343-347. Refs. 8. English.

M 2333 Goedheer, J.C. (RUU) & Vos, M. On the origin of the photoconvertible chlorophyll-protein complex $C_p668 \longrightarrow C_p$ 743 in Chenopodium and Amaranthus species. Acta Botanica Neerlandica (1977)26(4) p. 289-298. Refs. p. 298. English.

M 2334 Ham, R.W.J.M. van der. (RUL). Pollenmorphology of the genus Mischocarpus (Sapindaceae). Blumea (1977)23(2) p. 301-335. Refs. 5. English.

M 2335 Ham, R.W.J.M. van der. (RUL). A revision of Mischocarpus (Sapindaceae). Blumea (1977)23(2) p. 251-288. English.

M 2336 Heel, W.A. van. (RUL). Flowers and fruits in Flacourtiaceae. III. Some Oncobeae. Blumea (1977)23(2) p. 349-369. Refs. 22. English.

M 2337 Lavaleye, M.S.S. (Lorentzkade 59, Leiden). (Literature on the fauna and the flora of algae of the - Dutch - coastal waters.) Literatuur over de fauna en de wierenflora van onze kust(-wateren). Natura (1977)74(5) p. S37-S46. Refs. p. S43-S46. Dutch.

M 2338 Prud'homme van Reine, W.F. (RUL). (Marine algae in the Netherlands.) Zeewieren in Nederland. Natura (1977)74(5) p. S15-S19. Refs. 7. Dutch.

M 2339 Sterk, A.A. (GUA); Vlaming, P. de & Bolsman-Louwen, A.C. Some observations on the anthocyanins in the flowers of Anthyllis vulneraria L. (Leguminosae - Fabaceae). Acta Botanica Neerlandi (1977)26(4) p. 349-351. Refs. 7. English.

M 2340 Sykora, K.V. (KUN) & Sykora-Hendriks, C.M.P. A phytosociologic investigation of the dikes of the "Zak van Zuid-Beveland", the Netherlands. Proceedings of the Koninklijke Nederlandse Akademie van Wetenschappen, Series C (1977)80(3) p. 212-226. Refs. 38. English.

M 2341 Veen, A.H. (RUU) & Lindenmayer, A. Diffusion mechanism for phyllotaxis. Theoretical physio-chemical and computer study. Plant Physiology (1977)60(1) p. 127-139. Refs. 23. English.

M 2342 Vink, W. (RUL). The Winteraceae of the old world. II. Zygogynum-morphology and taxonomy. Blumea (1977)23(2) p. 219-250. Refs. 23. English.

M 2343 Zanstra, P.E. & Hagenzieker, F. (RUG). Comments on the psychrometric determination of leaf water potentials in situ. Plant and Soil (1977)48(2) p. 347-367. Refs. 10. English, with English summary.

Zoology

(Also Nos M 2358, 2361, 2369, 2371, 2374, 2378, 2379, 2381, 2383, 2411, 2449, 2461, 2492, 2495, 2537, 2575, 2654, 2666, 2691, 2715, 2717, 2718)

M 2344 Bakker, H. (LHAVT); Nagai, J. & Eisen, E.J. Genetic differences in age and weight at sexual maturation in female mice selected for rapid growth rate. Journal of Animal Science (1977)40(2) p. 203-212. Refs. 31. English.

M 2345 Hoekstra, B.; Straeten, E. van der & Laar, V. van. (KNNV). (Population research on terrestrial mammals in the Benelux.) Handleiding ten behoeve van het inventariseren van Landzoogdieren in de Benelux. Wetenschappelijke Mededelingen K.N.N.V. no. 118. Hoogwoud, 1977. pp. 47. Refs. 45. Dutch, with English summary.

M 2346 Kruk-De Bruin, M. (RUL); Röst, L.C.M. & Draisma, F.G.A.M. Estimates of the number of foraging ants with the Lincoln-index method in relation to the colony size of Formica polyctena. The Journal of Animal Ecology (1977)46(2) p. 457-470. Refs. 10. English.

M 2347 Proceedings of the Eighth International Congres of the IUSSI (International Union for the Study of Social Insects), held in Wageningen, 5 - 10 Sept. 1977. (Wilde, J. de; editor). Pudoc, Wageningen, 1977. pp. 321. English. ISBN 90 220 0640 9. Price ƒ 40,--

M 2348 Verhoef, H.A. (VUA); Nagelkerke, C.J. & Joosse, E.N.G. Aggregation pheromones in Collembola (Apterygota), a biotic cause of aggregation. Revue d'Écologie et de Biologie du Sol (1977)14(1) p. 21-25. Refs. 19. English.

PUBLIC HEALTH. ENVIRONMENTAL POLLUTION, NATURE CONSERVATION

(Also Nos M 2328, 2368, 2426, 2458, 2461, 2466, 2576, 2581, 2583, 2586, 2679, 2680, 2696, 2716, 2720, 2727, 2728, 2732, 2737, 2738, 2740, 2745, 2749, 2750)

M 2349 Jongebreur, A.A. (IMAG). (Stench measuring and controlling.) Stank meten en stank bestrijden. Bedrijfsontwikkeling (1977)8(7/8) p. 660-663. Dutch.

M 2350 Kerkhoff, M. & Boer, J. de. (RIVO). (Hexachlorobenzene, an industrial pollutant in the Westerschelde - Netherlands -, (part 2)?) Hexachloorbenzeen, een industriële vervuiling in de Westerschelde, (deel 2)? Visserij (1977)30(4) p. 182-186. Dutch, with English and Dutch summaries.

M 2351 Koeman, J.H. (LHAT). (Chemical control of the tsetse fly. Detrimental effects on the environment.) De chemische bestrijding van de tsetsevlieg. Schadelijke effecten op het milieu. Natuur en Techniek (1977)45(7) p. 476-493. Dutch.

M 2352 Mil, M. van (LHAW) & Tijs, G. (Purification and use of effluent in developing countries.) Zuivering en gebruik van afvalwater in ontwikkelingslanden. LH Afd. Waterzuivering. Wageningen, 1976. Doktoraalverslagen-serie nr. 76.35 Literatuurstudie, zomer '76. pp. 118. Dutch, with English summary.

M 2353 Mostertman, L.J. (THD). Water quality an overview. Agro-Ecosystems (1977)3(3) p. 239-251. Refs. 8. English, with English summary.

M 2354 Snijdelaar, M. (Afd. Waterhuishouding van de Directie Zuiderzeewerken, Maerlant 1, Lelystad). (Water quality in the IJsselmeer.) Waterkwaliteit van het IJsselmeer. Land + Water (1977)21(1) p. 6-12. Refs. 8. Dutch.

M 2355 Veen, C. van der (Gemeente Waterleiding, Amsterdam). (Water management and the European Community.) Waterbeheer en de Europese Gemeenschap. Tijdschrift voor Milieu en Recht (1977)(2) p. 112-118. Dutch.

M 2356 Vermeulen, A.J. (Provinciale Waterstaat van Noord-Holland, Zijlweg 245, Haarlem).(Acidification of precipitation: cause and consequences.) Verzuring van de neerslag: oorzaken en gevolgen. Natuur en Milieu (1977)(6/7) p. 12-21. Dutch, with Dutch summary.

VETERINARY SCIENCE

(Also Nos M 2351, 2437, 2657, 2660, 2670, 2674, 2696)

M 2357 Banning, P. van. (RIVO). Minchinia amoricana sp. nov. (Haplosporida), a parasite of the European flat Oyster, Ostrea edullis. Journal of Invertebrate Pathology (1977)30(2) p. 199-206. Refs. 21. English.

M 2358 Beuving, G. (IPS). (Physiological approach to stress.) Fysiologische benadering van stress. Rapport no. 1575 P. Instituut voor Pluimvee-onderzoek "Het Spelderholt", Rapport no. 1575 P. Beekbergen, 1975. pp. 15. Refs. p. 12-15. Dutch. (Received 1977).

M 2359 Boogaerst, J. (VD). (Background of and problematics around the - Dutch - law on veterinary drugs - including EEC-policy.) Achtergrond van en problematiek rondom de diergeneesmiddelenwet. Landbouwkundig Tijdschrift (1977)89(6) p. 162-164. Dutch.

M 2360 Borgsteede, F.H.M. (CDIL). A field trial with a new anthelmintic oxfendazole in naturally infected calves. Tijdschrift voor Diergeneeskunde (1977)102(14) p. 801-804. Refs. 6. English, with English and Dutch summaries.

M 2361 Bosma, A.A. (RUUFD) & Neeteson, F.A. G-banding patterns in chromosomes of pigs with Atresia ani. Genen en Phaenen (1977)19 (2/3) p. 41-44. Refs. 10. English.

M 2362 Brantas, G.C. (IPS). (The study of some aspects of poultry welfare.) Stand van zaken betreffende het onderzoek naar een aantal welzijnsaspecten bij pluimvee. Bedrijfsontwikkeling (1977)8(6) p. 559-566. Refs. 37. Dutch, with Dutch summary.

M 2363 Bras, G.E. & Kersjes, A.W. (RUUFD). (Results obtained using various types of suture material in laparotomy and the treatment of umbilical hernia in horses.) Ervaringen met verschillende hechtmaterialen bij de laparotomie en de navelbreukbehandeling bij het paard. Tijdschrift voor Diergeneeskunde (1977)102(16) p. 969-974. Refs. 15. Dutch, with English and Dutch summaries.

M 2364 Calafat, J. (The Netherlands Cancer Inst., Amsterdam) & Ressang, A.A. (CDIR). Morphogenesis of bovine leukemia virus. Virology (1977)80(1) p. 42-53. Refs. 25. English.

M 2365 (Central Veterinary Institute, Lelystad. Annual report 1974.) (CDIL). Stichting voor Diergeneeskundig Onderzoek, Lelystad. Jaarverslag 1974. CDIL, Lelystad, 1977. pp. 119. Refs. p. 111-11[illegible]. Dutch.

M 2366 Corstiaensen, G.P. (RUUFD) et al. (Pig losses during transport and in the pens of slaughter-houses in the Netherlands in 1976. Preliminary report.) Transportschade slachtvarkens 1976. Voorlopige mededeling. Tijdschrift voor Diergeneeskunde (1977)102(13) p. 811-815. Refs. 6. Dutch, with English and Dutch summaries.

M 2367 (Directorate General of Agriculture Veterinary Service. Annual Report 1975.) (VD). Veterinaire Dienst. Jaarverslag 1975. Veterinaire Dienst, Den Haag, Leidschendam. Ministerie van Landbouw en Visserij. Ministerie van Volksgezondheid en Milieuhygiëne. The Hague, 1977. pp. 143. Dutch.

M 2368 Devos, O.J.H. (Gezondheidsdienst voor Dieren in Zeeland, Goes) et al. (Cell counts and progressive cell counts of herd milk samples in the Southern Netherlands during 1976.) Het celgetal en het voortschrijdend celgetal van bedrijfsmelkmonsters in Zuid-Nederland gedurende 1976. Tijdschrift voor Diergeneeskunde (1977)102(13) p. 795-806. Refs. 5. Dutch, with English and Dutch summaries.

M 2369 (Foundation for Medical Scientific Research "Fungo", Den Haag. Annual Report 1976 - including veterinary and animal physiology research.) Stichting voor Medisch Wetenschappelijk Onderzoek "Fungo", Den Haag. Jaarverslag 1976. Stichting voor Medisch Wetenschappelijk Onderzoek "Fungo", The Hague, 1977. pp. 200 + 52. Dutch, with separate English summary. List of publications.

M 2370 Geessink, E.F. (DVZ). (The - Dutch - government and the welfare of farm animals.) Wat doet de overheid ten aanzien van het welzijn bij landbouwhuisdieren? Bedrijfsontwikkeling (1977)8(6) p. 573-578. Dutch.

M 2371 Grommers, F.J. (RUUFD). (The study of cattle welfare and some general veterinary aspects.) Stand van zaken onderzoek welzijn rundvee en enkele algemene diergeneeskundige aspecten. Bedrijfsontwikkeling (1977)8(6) p. 567-572. Refs. 26. Dutch.

M 2372 Gruys, E.; Binkhorst, G.J.; Bercken, J. van den (RUUFD); Meijers, P. & Haagsma, J. (Botulism in a number of yearlings.) Botulisme bij enkele pinken. Tijdschrift voor Diergeneeskunde (1977)102(16) p. 983-988. Refs. 8. Dutch, with English and Dutch summaries.

M 2373 Hill, W.K.W. (CDIR) & Scheibner, E. Contribution to the standardization of Brucella abortus antigens and antisera for agglutination tests by photo-electric measurement. Tijdschrift voor Diergeneeskunde (1977)102(14) p. 785-792. Refs. 6. English, with English and Dutch summaries.

M 2374 Joosten, H. (Organon, Oss); Blank, B. de & Hoekstra, A. "Swimming leg" a hereditary deviation in rabbits.) "Zwempoot" een erfelijke pootafwijking bij konijnen. Biotechniek (1977)16(4) p. 72-78. Refs. 2. Dutch.

M 2375 Keulen, A. van & Berg, H.A. van den. (VD). (Phenylmercuric acetate poisoning in veal calves.) Fenylkwikacetaatintoxicatie bij mestkalveren. Tijdschrift voor Diergeneeskunde (1977)102(13) p. 785-794. Refs. 15. Dutch, with English and Dutch summaries.

M 2376 Kruif, A. de (RUUFD) et al. (Oestrogens and prostaglandins in the treatment of cattle affected with pyometra.) Behandeling van runderen lijdende aan een pyometra met oestrogenen en prostaglandinen. Tijdschrift voor Diergeneeskunde (1977)102(15) p. 851-856. Refs. 8. Dutch, with English and Dutch summaries.

M 2377 Kuil, H. (RUUFD) et al. The effect of inoculation dose on the development of antibodies as measured by the indirect fluorescent antibody (IFA) test against Eimeria maxima and Eimeria acervulina. Veterinary Parasitology (1977)3(1) p. 33-40. Refs. 12. English, with English summary.

M 2378 Mirck, M.H. (RUUFD). (Cyathostominosis: a form of severe strongylidosis.) Cyathostominose: een vorm van ernstige strongylidose. Tijdschrift voor Diergeneeskunde (1977)102(15) p. 876-878. Refs. 7. Dutch, with English and Dutch summaries.

M 2379 Mirck, M.H. (RUUFD). (Strongyloides westeri Ihle, 1917 (Nematoda: Strongyloididae - in horses - , 1: parasitological features of natural infection.) Strongyloides westeri Ihle, 1917 (Nematoda: Strongyloididae), 1: parasitologische aspecten van de natuurlijke infectie. Tijdschrift voor Diergeneeskunde (1977)102(17) p. 1039-1043. Refs. 12. Dutch, with English and Dutch summaries.

M 2380 Narucka, U. (Vleeskeuringsdienst "Kring Oss", Oss) & Westendorp J.F. (Studies for the presence of Salmonella in the bone marrow of normal slaughtered pigs.) Onderzoek naar het voorkomen van Salmonella in het beenmerg bij normale slachtvarkens. Tijdschrift voor Diergeneeskunde (1977)102(15) p. 871-875. Refs. 6. Dutch, **with English and Dutch summaries.**

M 2381 Nitschelm, D. (RUUFD). The influence of chlormadinone acetate treatment on the concentration of some steroids in the blood, on the ovarian activity, and on the sexual behaviour of the mare. Tijdschrift voor Diergeneeskunde (1977)102(14) p. 805-816. Refs. 25. English, with English and Dutch summaries.

M 2382 Ruitenberg, E.J. (RIV) et al. (Mechanizing the enzyme-linked immunosorbent assay (ELISA) in repressive testing for Trichinella spiralis infections in fattening pigs.) Mechanisering van de enzyme-linked immunosorbent assay (ELISA) ten behoeve van de repressieve controle op Trichinella spiralis infecties bij mestvarkens. Tijdschrift voor Diergeneeskunde (1977)102(17) p. 1021-1023. Dutch, **with English and Dutch summaries.**

M 2383 Siezen, R.J. & Hoenders, H.J. (KUN). Limited tryptic digestion of alpha-crystallin from calf eye lens: possible correlation between in vivo and in vitro degradation. FEBS-Letters (1977)80(1) p. 75-80. **Refs. 19. English.**

M 2384 Spanoghe, L. & Oldenkamp, E.P. (Gist-Brocades NV, Delft). Mycological and clinical observations on ringworm in cattle after treatment with natamycin. The Veterinary Record (1977)101(7) **p. 135-136. Refs. 9. English.**

M 2385 Ven, W.S.M. van de; Gerbens, J. (LHAT) et al. (Trace elements in cows from areas along the - Dutch - rivers Rhine and IJssel.) Sporenelement-gehalten in koeien uit gebieden langs Rijn en IJssel. Landbouwkundig Tijdschrift (1977)89(8) p. 262-269. Refs. 11. **Dutch, with Dutch summary.**

M 2386 Walsum, J. van. (RUUFD). Contribution to the aetiology of synovitis in chickens, with special reference to non-infective factors, 3. Tijdschrift voor Diergeneeskunde (1977)102(14) p. 793-800. English, with English and Dutch summaries.

M 2387 Westenbrink, F. (TNO); Koornstra, W. & Bentvelzen, P. The major Polypeptides of the Murine-Mammary-tumor virus isolated by plant-lectin affinity chromatography. European Journal of Biochemistry (1977)76(1) p. 85-90. Refs. 22. English.

M 2388 Wirahadiredja, R.M.S. & Anakotta, J. (CDIR). Transmissible gastro-enteritis of swine in the Netherlands, the application of the direct fluorescent antibody technique for diagnosis. Tijdschrift voor Diergeneeskunde (1977)102(14) p. 817-822. Refs. 8. English, **with English and Dutch summaries.**

M 2389 Wijngaards, G. (Gaubius Instituut TNO, Leiden); Deenen, L.L.M. van & Hemker, H.C. Reconstitution and lipid requirements of porcine tissue thromboplastin. Biochimica et Biophysica Acta - Lipid and lipid metabolism (1977)488(1) p. 161-171. Refs. 24. **English, with English summary.**

M 2390 Ziv, G.; Nouws, J.F.M.; Groothuis, D.G. & Miert, A.S.J.P.A.M. van. (RUU). Oral absorption and bioavailability of ampicillin derivatives in calves. American Journal of Veterinary Research (1977)38(7) p. 1007-1013. Refs. 32. English.

GENERAL AGRICULTURE

(Also Nos M 2323, 2324, 2421, 2482)

M 2391 (Agricultural data 1977 - of the Netherlands - (excluding horticulture).) (LEI). Landbouwcijfers 1977. LEI, The Hague, 1977. pp. 242. Tables. Dutch. Price ƒ 16,--.

M 2392 (International Agricultural Centre, Wageningen. Annual Report 1976.) (IAC). Stichting Internationaal Agrarisch Centrum. Jaarverslag 1976. IAC, Wageningen, 1977. pp. 131. Dutch. Summary in English, available on request.

M 2393 (Long-term programme (1977-1981) for agricultural and fisheries research of the - Dutch - Ministry of Agriculture and Fisheries.) (MLV). Meerjarenvisie 1977-1981 voor het landbouwkundig en het visserij-onderzoek ressorterende onder het Ministerie van Landbouw en Visserij. Ministerie van Landbouw en Visserij, The Hague, 1977. pp. 128. Dutch, with Dutch summary.

M 2394 (Proceedings of the symposium "Agricultural Research in the Netherlands".) (MLV). Verslag van het "Symposium Landbouwkundig Onderzoek in Nederland", gehouden te Wageningen, 18 - 19 nov. 1976. Pudoc, Wageningen, 1977. pp. 112. Dutch. ISBN 90 220 0639 5.

M 2395 Schurink, H.F. (LHAC). (Agriculture at the - Dutch - Wadden isles.) Landbouw op de Waddeneilanden; Verschillen en de invloed van het isolement. Landbouwhogeschool, Afdeling Cultuurtechniek, Wageningen, 1976. pp. 193. Dutch.

M 2396 Wit, C.T. de. (LHATT). (Problems of world food production.) Problemen van de voedselproduktie. De Ingenieur (1977)89(17) p. 334-338. Dutch.

TROPICAL SCIENCES (ALL SUBJECTS)

(Also Nos M 2351, 2471, 2714)

M 2397 Achterberg, C. van. (RUL). Opius (Phlebosema) hydrellivorus spec. nov., a parasite from Hydrellia in rice in Guyana (Hym., Braconidae, Opiinae). Entomologische Berichten (1977)37(8) p. 121-124. Refs. 2. English.

M 2398 Brinkman, R.; Jongmans, A.G. & Miedema, R. (LHABK). Problem hydromorphic soils in north-east Thailand, 1: environment and soil morphology. Netherlands Journal of Agricultural Science (1977)25(2) p. 108-125. Refs. 14. English, with English summary.

M 2399 Brinkman, R. (LHABK). Problem hydromorphic soils in north-east Thailand, 2: physical and chemical aspects, mineralogy and genesis. Netherlands Journal of Agricultural Science (1977)25(3) p. 170-181. Refs. 15. English, with English summary.

M 2400 Eveleens, K.G. (Indonesian - Dutch Agricultural Cooperation Projects. ATA-Project 106, 110 of 111. D.T.H.-project Min. v. Buitenlandse Zaken, Den Haag). Agricultural entomology in Indonesia during the colonial period and its relevance to current pest research. Contributions Central Research Institute for Agriculture no.19. Bogor, Indonesia. 1976. pp. 26. Refs. 57. English, **with Indonesian summary.**

M 2401 Giesberger, G. (GUA). (Energy from tropical agricultural - and forest - crops.) Energie uit tropische landbouwgewassen. Afscheidscollege, Universiteit van Amsterdam, Amsterdam, 1977. pp. 12. Refs. 11. Dutch.

M 2402 Handojo, H. & Noordam, D. (LHAV). Purification and serology of sugarcane mosaic virus. Madjalah Perusahaan Gula (1971)7(1/2) p. 1-6. Refs. 12. English.

M 2403 Harts-Broekhuis, A. & Palte-Gooszen, H. (RUU). (Demographic aspects of poverty in a Javanese village, Jambidam, D.I.Y.). Demografische aspekten van armoede in een Javaans dorp, Jambidan, D.I.Y. Utrecht, Geografisch Instituut Rijksuniversiteit Utrecht; Utrechtse geografische studies (1977)(4) pp. 304. Refs. p. 302-304. Dutch, with English summary. ISBN 90 6226 005 3.

M 2404 International Society for Horticultural Science, The Hague. Fourth Africa Symposium on Horticultural Crops, Kumasi (Ghana), 12-17 Aug. 1975. Proceedings of the international symposium ISHS, The Hague, 1977. pp. 411. English, with English summaries. Also: Acta Horticulturae (1977) no. 53.

Selected papers:

M 2405 Balkema, G. Onion growing in Surinam. Acta Horticulturae (1977)53 p. 217. English.

M 2406 Giesberger, G. (KIT) & Coster, W.A. Green budding and grafting in cacao nurseries. Acta Horticulturae (1977)(53) p. 263-271. Refs. 13. English.

M 2407 Kuyp, E. van der. (Universiteit van Suriname, Paramaribo). Use of dry pulses in Surinam. Voeding (1977)38(8) p. 394-405. Refs. 8. English, with English summary.

M 2408 Leegwater, P. (TOOL, Mauritskade 61a, Amsterdam & "Agromisa", Postbox 41, Wageningen). (Goat keeping in the tropics.) Geiten houden in de tropen. Stichting TOOL, Amsterdam & Documentatiegroep "Agromisa", Wageningen. 1976. pp. 62. Refs. p. 62. Dutch. Agrodok: a series leaflets on practical agricultural problems, especially meant for workers in tropical rural regions, No. 30.

M 2409 Mechanization of rice production. India - Nigeria - Senegal. An international Coordinated Research Project: 1970-1976. (FAO). FAO, Rome, 1977. pp. 152. Refs. 104. English.

M 2410 Pieterse, A.H. (KIT). Biological control of aquatic weeds: perspectives for the tropics. Aquatic Botany (1977)3(2) p. 133-141. Refs. 34. English, with English summary.

M 2411 Soest, R.W.M. van. (GUA). A revision of the Megacanthoxea-bearing tetillids (Porifera, Spirophorida), with a description of a new species. Studies on the Fauna of Curaçao and other Caribbean Islands (1977)53(89) p. 1-12. Refs. 5. English.

M 2412 Versteegh, P.J.D. & Banyard, S.G. (ITC). Plotsize and stability of variance investigated in a tropical rain forest tract in East Kalimantan. ITC Journal (Netherlands) (1977)(2) p. 312-324. English, with English, Spanish and French summaries.

M 2413 Wevers, J.D.A. (LHAG) & Dibbits, H.J. (Agricultural mechanization in northern Nigeria.) Landbouwmechanisatie in het noorden van Nigeria. Landbouwkundig Tijdschrift (1977)89(7) p. 233-241. Refs. 10. Dutch, with Dutch summary.

M 2414 Wijk, A.J.P. van. (National Agricultural Research Station, Kitale (Kenya)). An application of a multiple regression method in tropical grass breeding. Netherlands Journal of Agricultural Science (1977)25(2) p. 103-107. English, with English summary.

RURAL HISTORY

(Also Nos M 2400, 2423, 2424, 2425, 2452, 2525, 2540, 2627)

M 2415 Littauer, M.A. & Crouwel, J. (GUA). The origin and diffusion of the cross-bar wheel. Antiquity (1977)51(202) p. 95-105. Refs. p. 104-105. English.

FARM MANAGEMENT

(Also Nos M 2395, 2432, 2525, 2528, 2587, 2600, 2609, 2624, 2634, 2641, 2642, 2648, 2650, 2656, 2669, 2678, 2736)

M 2416 (Agricultural Economic Report 1977 - Netherlands.) (LEI). Landbouw-Economisch Bericht 1977. LEI, The Hague, 1977. pp. 159. Tables. Dutch, with English summary. Price ƒ 25, --.

M 2417 Elderen, E. van. (IMAG). Heuristic strategy for scheduling farm operations. Doctoral thesis, Wageningen, 1977. pp. 217. Refs. 60. English, with English summary. Also published in the series "Simulation Monographs", Pudoc, Wageningen, 1977. ISBN 90 220 0612 3.

M 2418 (The financial situation of agriculture - in the Netherlands -. Financial year 1975/76.) (LEI). De financiële positie van de landbouw. Boekjaar 1975/76 (en vergelijking met voorgaande jaren). Publikaties - LEI no. 3.68, The Hague, 1977. pp. 137. Dutch. Tables. Price ƒ 20, --.

M 2419 Linden, P. van der. (LEI). (The farm succession situation in the IJsselmeerpolders.) De bedrijfsopvolgingssituatie in de IJsselmeerpolders. Bedrijfsontwikkeling (1977)8(7/8) p. 638-640. Refs. 3. Dutch.

BUILDINGS, MACHINES, IMPLEMENTS

(Also Nos M 2409, 2413, 2415, 2417, 2478, 2499, 2509, 2510, 2517, 2519, 2522, 2527, 2549, 2571, 2587, 2618, 2619, 2644, 2668, 2669, 2683, 2689, 2703, 2708)

M 2420 Brabander, W.H. de. (IMAG). (Building advise in agrarian sector. De bouwbegeleiding in de agrarische sector. Bedrijfsontwikkeling (1977)8(7/8) p. 691-698. Dutch.

M 2421 Doeken, D. & Kiers, G. (IMAG). (Trade mark guide, including a complete directory of suppliers of agricultural and forestry equipment in the Netherlands.) Merkengids, tevens handboek voor de land-, tuin- en bosbouwmechanisatie in Nederland. IMAG, Merkengids 1977. Wageningen, 1977. pp. 442. Dutch, French, German and English.

M 2422 Elema, H.M. & Weijden, P.J. van der. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Technical data of trailer-tyres.) Technische gegevens wagenbanden. Landbouwmechanisatie (1977)28(7) p. 805-809. Dutch.

M 2423 Hadders, A. (LHALT). (History of the - agricultural - mechanization in the USA. 4· From World War I to tractor tyre (1917-1933). Historie van de mechanisatie in de V.S. 4: Van Wereldoorlog tot trekkerband (1917-1933). Landbouwmechanisatie (1977)28(6) p. 689-692. Dutch, with English summary.

M 2424 Hadders, A. (LHALT). (History of - agricultural - mechanization in the USA. After the second world war (1). Historie van de mechanisatie in de VS. Na de tweede wereldoorlog (1). Landbouwmechanisatie (1977)28(8) p. 925-928. Dutch.

M 2425 Hadders, A. (LHALT). (History of the - agricultural - mechanization in the USA. After the second world war (2). Historie van de mechanisatie in de VS na de tweede wereldoorlog. Landbouwmechanisatie (1977)28(9) p. 1033-1037. Refs. 5. Dutch.

M 2426 Hoenderken, J.A. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Low noise-rating safety cabs.) Geluidsarme kantelbeveiligingen. Landbouwmechanisatie (1977)28(7) p. 763-766. Dutch, with English summary.

M 2427 Kiers, G. (IMAG); Loo, L.van & Weijden, P. van der. (Technical data and prices of rotary mowers.) Technische gegevens en prijzen van landbouwcirkelmaaiers. Landbouwmechanisatie (1977)28(7) p. 741-746. Dutch, with English summary.

M 2428 Koning, K. de. (IMAG). (Containers for transportation of agricultural products.) Containers bij het transport van landbouwprodukten. Landbouwkundig Tijdschrift (1977)89(7) p. 226-232. Refs. 7. Dutch, with Dutch summary.

M 2429 Kouwenhoven, J.K. & Terpstra, R. (LHAG). Sorting of glass spheres by tines. Journal of Agricultural Engineering Research (1977)22(2) p. 153-163. Refs. 6. English.

M 2430 Lange, J.M. (IMAG). (Saving energy by regaining heat on dairy farms.) Energiebesparing door warmteterugwinning in de veehouderijsector. Landbouwmechanisatie (1977)28(7) p. 813-816. Dutch, with English summary.

M 2431 Moens, A. (LHALT). Development of the agricultural machinery industry. Agricultural Mechanization in Asia (1976)7(1) p. 25-31. Refs. 11. English.

M 2432 Oving, R.K. (IMAG). (Replacement of farm equipment.) Vervanging van werktuigen. Landbouwmechanisatie (1977)28(9) p. 993-995. Dutch, with English summary.

M 2433 Remijn, A. (Federatie van Verenigingen voor Bedrijfsvoorlichting op de Zeeuwse Eilanden, Heinkenszand). (New developments of sprayers.) Nieuwe ontwikkelingen bij spuitmachines. Gewasbescherming-spuittechniek; Actualiteiten (1977)(9) p. 22-31. Dutch. Price ƒ 1,50.

M 2434 (Series test Thermo-Unit CO_2 - fertilization - apparatus CG 10.) (IMAG). Merkenonderzoek Thermo-Unit CO_2 toestel type CG 10. IMAG Bulletin no. 609, Wageningen, 1977. pp. 5. Dutch.

M 2435 Terpstra, R. (LHAG). Draught forces of tines in beds of glass spheres. Journal of Agricultural Engineering Research (1977)22(2) p. 135-143. Refs. 21. English.

M 2436 Terpstra, J. (IMAG). Performance characteristics of deep lug tires. Zeszyty Problemowe Postepow Nauk Rolniczych (1977) p. 171-185. Refs. 30. English.

M 2437 Uwland, J. (Vereniging voor KI "Zuid-West Nederland", Lexmond (ZH)); Veen, R. van der & Hoeke, J. (A rotary rasp as an aid in the foot care of cattle.) Een roterende rasp als hulpmiddel bij de klauwverzorging van runderen. Tijdschrift voor Diergeneeskunde (1977)102(17) p. 1044-1046. Dutch, with English and Dutch summaries.

SOILS AND FERTILIZERS, SOIL, LAND AND AERIAL SURVEY, GEODESY

(Also Nos M 2322, 2348, 2349, 2398, 2399, 2429, 2434, 2435, 2477, 2479, 2497, 2518, 2539, 2558, 2562, 2569, 2589, 2605, 2631, 2646, 2649, 2679)

M 2438 Bannink, D.W.; Poelstra, P. & Frissel, M.J. (ITAL). An installation for transport and accumulation studies on undisturbed soil columns under controlled conditions. Netherlands Journal of Agricultural Science (1977)25(2) p. 126-133. English, with English summary.

M 2439 Boer, F. de.(IVH). (Poultry manure and phosphate in poultry nutrition.) Pluimveemest en fosfaat in de veevoeding. Bedrijfsontwikkeling (1977)8(7/8) p. 669-672. Refs. 6. Dutch.

M 2440 Brouwer, J. (Shell, Den Haag. Afd. E.P.). Depositional environment of the oligocene rupel clay in well Grashoek-1, Peel region, The Netherlands. Geologie en Mijnbouw (1977)56(1) p. 25-30. Refs. p. 30. English.

M 2441 Denekamp, J. (Red. Ned. Geodetisch Tijdschrift, Thijsseweg 11, Delft). (Calculating and testing methodics of the system - surveying - Detailmeting 76.) Reken- en toetsmethodiek van het systeem "Detailmeting 76". Nederlands Geodetisch Tijdschrift (1977)7(4) p. 67-74. Refs. 7. Dutch.

M 2442 Geneijgen, J. (PR). (Possibilities and experiences concerning sprinkling of slurry.) Het verregenen van mengmest. Landbouwmechanisatie (1977)28(8) p. 897-899. Dutch, with English summary.

M 2443 Geradts, H.J.M. (MVM). (What is groundwater?) Wat is grondwater? Tijdschrift voor milieu en recht (1977)(2) p. 88-93. Dutch.

M 2444 Geus, J.G. de. (LBNS). (Utilization of biological nitrogen fixation in tropical agriculture.) Benutting van biologische stikstofbinding in de tropische landbouw. Natuur en Techniek (1977)45(6) p. 422-437. Refs. 8. Dutch.

M 2445 Haan, P. de. (THD). (Soil policy and soil use right - Netherlands.) Grondpolitiek en grondgebruikrecht. Publikaties over planologische en technisch-administratieve geodesie no. 9. Technische Hogeschool, Afd. Geodesie, Delft, 1976. pp. 209. Refs. Dutch.

M 2446 Imeson, A.C. (GUA). Splash erosion, animal activity and sediment supply in a small forested Luxembourg catchment. Earth Surface Processes (1977)2(2 & 3) p. 153-160. Refs. 9. English.

M 2447 Imeson, A.C. & Jungerius, P.D. (GUA). The widening of valley incisions by soil fall in a forested Keuper area, Luxembourg. Earth Surface Processes (1977)2(2 & 3) p. 141-152. Refs. 7. English.

M 2448 Jongebreur, A.A. (IMAG). (The transport of manure and the role of "manure banks" in the Netherlands.) Le transport du lisier et le role des "Banques de lisier" en Hollande. Bulletin Technique d'Information (1977)(321) p. 345-347. French.

M 2449 Joosse, E.N.G. (VUA) & Testerink, G.J. The role of food in the population dynamics of Orchesella cincta (Linné) (Collembola). Oecologia (1977)29(3) p. 189-204. Refs. 29. English.

M 2450 Kwaad, F.J.P.M. (GUA). Measurements of rainsplash erosion and the formation of colluvium beneath deciduous woodland in the Luxembourg Ardennes. Earth Surface Processes (1977)2(2 & 3) p. 161-173. Refs. 21. English.

M 2451 (Laboratory for Soil and Crop Testing, Oosterbeek. Annual Report '75-'76.) (BGG). Bedrijfslaboratorium voor Grond- en Gewasonderzoek. Jaarverslag '75-'76. De Boor (1976)42(3) p. 1-20. Dutch.

M 2452 Lande Cremer, L.C.N. de la. (IB). (Comparison of the effects of farmyard manure and mineral fertilizers on a sandy "reclaimed peat" soil, (Sappemeer, 1881-1934).) Étude comparée des effets du fumier de ferme et des engrais minéraux sur sol sablonneux "détourbé" (Sappemeer, 1881-1934). Annales Agronomiques (1976)27(5, 6) p. 781-789. Refs. 10. French, with English, German and Russian summaries.

M 2453 Leistra, M. (LIO) & Dekkers, W.A. Computed effects of adsorption kinetics on pesticide movement in soils. The Journal of Soil Science (1977)28(2) p. 340-350. Refs. 18. English.

M 2454 Leistra, M. (LIO) & Dekkers, W.A. Some models for the adsorption kinetics of pesticides in soil. Journal of Environmental Science and Health (1977)B12(2) p. 85-103. Refs. 12. English.

M 2455 Mücher, H.J. (GUA) & Ploey, J. de. Experimental and micromorphological investigation of erosion and redeposition of loess by water. Earth Surface Processes (1977)2(2 & 3) p. 117-124. Refs. 21. English.

M 2456 Nossin, J.J. (ITC). An integrated survey of the region Sousse, Tunisia. ITC Journal (1977)(2) p. 336-357. English, with French and Spanish summaries.

M 2457 Pelgrum, A. & Buma, H. (IB). (An improved method for determination of the density of solid particles in soil.) Verbeterde werkwijze bij de bepaling van de dichtheid van de vaste delen van grond. Rapporten - Instituut voor Bodemvruchtbaarheid no. 3-77, Haren (Gr.), 1977. pp. 12. Dutch, with Dutch summary.

M 2458 Poelma, H.R. (IMAG). (Storage, processing and sale of slurry.) De opslag, verwerking en afzet van dunne mest. Bedrijfsontwikkeling (1977)8(7/8) p. 663-666. Dutch.

M 2459 Polman, J. (Red. Ned. Geodetisch Tijdschrift, Thijsseweg 11, Delft). (System Detailmeting 76 - for surveying.) Systeem "Detailmeting 76". Nederlands Geodetisch Tijdschrift (1977)7(4) p. 60-66. Refs. 3. Dutch.

M 2460 (Report on the re-allotment of soils in the municipalities Diepenveen and Raalte named "Lettele-Okkenbroek" (about 3,200 acres.).) (CD). Rapport betreffende ruilverkaveling van gronden in de gemeenten Diepenveen en Raalte genaamd "Lettele-Okkenbroek". Cultuurtechnische Dienst, Centrale Cultuurtechnische Commissie, Utrecht, 1977. pp. 34. Dutch.

M 2461 Rhee, J.A. van. (RIN). Effects of soil pollution on earthworms. Pedobiologia (1977)17(3) p. 201-208. Refs. 11. English.

M 2462 Riezebos, H.Th. & Seyhan, E. (RUU). Essential conditions of rainfall simulation for laboratory water erosion experiments. Earth Surface Processes (1977)2(2 & 3) p. 185-190. Refs. 10. English.

M 2463 Schuurman, J.J.; Venekamp, J.T. (IB) & Glopper, R.J. de. (Production capacity of different sandy clay on sand profiles at four ground water levels.)Het producerend vermogen van verschillende zavel-op-zand profielen bij vier grondwaterstanden. Cultuurtechnisch Tijdschrift (1977)17(1) p. 17-31. Refs. 6. Dutch, with Dutch summary.

M 2464 Steijn, H. van. (RUU). The development of a laboratory set-up to measure creep induced by freeze-thaw cycles. Earth Surface Processes (1977)2(2 & 3) p. 247-250. Refs. 12. English.

M 2465 Verstraten, J.M. (GUA). Chemical erosion in a forested watershed in the Oesling, Luxembourg. Earth Surface Processes (1977)2(2 & 3) p. 175-184. Refs. 16. English.

M 2466 Voorburg, H.J. (RAAD). (Biological processing of slurry.) De biologische verwerking van mest. Bedrijfsontwikkeling (1977)8(7/8) p. 666-669. Dutch.

M 2467 Vosjan, J.H. (NIOZ) & Olańczuk-Neyman, K.M. Vertical distribution of mineralization processes in a tidal sediment. Netherlands Journal of Sea Research (1977)11(1) p. 14-23. Refs. 22. English.

M 2468 Zandstra, J.G. (RGD). (Sediment petrological investigations of till in Emmerschans (Drenthe, the Netherlands) with remarks on a subdivision of the Saalian till deposits.) Sedimentpetrographische Untersuchungen des Geschiebelehms von Emmerschans (Drenthe, Niederlande) mit Bemerkungen über eine Typeneinteilung der Saale-Grundmoräne. Eiszeitalter und Gegenwart (1976)27 p. 30-52. Refs. p. 50-52. German, with English summary.

PLANT BREEDING, SEEDS, PROPAGATING MATERIAL

(Also Nos M 2406, 2414, 2514, 2520, 2521, 2524, 2532, 2534, 2535, 2542, 2543, 2548, 2551, 2555, 2556, 2557, 2563, 2567, 2572, 2573, 2574, 2600, 2602, 2604, 2615, 2616, 2620, 2621, 2622, 2629, 2636, 2640, 2643, 2651 and 2582a)

M 2469 Jansen, J. & Lieftink, A.(IBVL). (Long-term storage of agricultural seeds in conditioned circumstances.) Langdurige bewaring van landbouwzaaizaden onder gekonditioneerde omstandigheden. Publikaties - IBVL no. 297, Wageningen, 1977. pp. 31. Dutch, with Dutch summary.

M 2470 Sree Ramulu, K. (ITAL); Bredemeijer, G.M.M. & Gastel, A.J.G. van. Influence of mentor pollen on gametophytic intraspecific incompatibility in Nicotiana. Incompatibility Newsletter (1977)(8) p. 87-89. Refs. 13. English.

LAND IMPROVEMENT, RECLAMATION, TILLAGE, DRAINAGE

(Also Nos M 2317, 2340, 2355, 2442, 2460, 2491, 2591, 2743)

M 2471 Aart, R. van. (ILC). Land drainage in arid regions. Span (1977)20(2) p. 79-81. Refs. 7. English.

M 2472 Boiten, W. (Waterloopkundig Laboratorium, Nieuwe Kanaalweg 11, Wageningen) & Warmerdam, P.M.M. (Discharge measurements with weirs.) Debietmeting met behulp van stuwen. Landbouwkundig Tijdschrift (1977)89(6) p. 148-152. Refs. 8. Dutch.

M 2473 Doorenbos, J. ; Pruitt, W.O. (FAO, Rome); Berg, C. van den & Rijtema, P.E. (ICW). Crop water requirements. FAO Irrigation and Drainage Paper (1977)(24) pp. xii + 144. Refs. p. 118-119, 138-143. English.

M 2474 (Engineering Consultants for Land Improvement and Reclamation "Houdringe", De Bilt. Annual Report 1976.) (GRONTMIJ). Grontmij jaarverslag 1976. Grontmij, De Bilt, 1977. pp. 39. Dutch.

M 2475 Kley, W. v.d. (RW). (This boy with its thumb in the dike. Risk factor in dike heightening - against rivers and sea.) Die jongen met zijn duim in de dijk. Risicofactor bij dijkverhoging. Land + Water (1977)21(4) p. 9-12. Dutch.

M 2476 (Land Improvement Service, Utrecht. Annual Report 1976.) (CD). Cultuurtechnische Dienst. Jaarverslag 1976. Cultuurtechnische Dienst, Utrecht, 1977. pp. 96. Dutch, with German, English and French summaries.

M 2477 Molen, H.W.B. van der. (Afd. Waterhuishouding en Vaarwegen van de Directie Zuiderzeewerken, Maerlant 1, Lelystad). (Water management in the IJsselmeer area.) Waterhuishouding van het IJsselmeergebied. Land + Water (1977)21(1) p. 17-23. Refs. 6. Dutch.

M 2478 Naarding, W.H. (CD). A review on international experience with trenchless versus trenching drainage-machines. Mededelingen Cultuurtechnische Dienst no. 121, Utrecht, 1977. pp. 90. Refs. 22. English, with German, English, French and Dutch summaries.

M 2479 Nijkamp, P. & Vos, J.B. (VUA). A multicriteria analysis for water resource and land use development. Water Resources Research (1977)13(3) p. 513-518. Refs. 26. English.

M 2480 Seyhan, E. (RUU). Calculation of runoff basin physiography (CRBP). Doctoral thesis Utrecht, 1976. pp. 176. Refs. p. 169-176. English. ISBN 90 6266 003 7. Also published as: Geografisch Instituut Rijksuniversiteit Utrecht - Utrechtse Geografische Studies No. 2. Utrecht, 1976.

M 2481 Weerd, B. van der. (ICW). A registration unit for drain outflow, groundwater depth and precipitation. Journal of Hydrology (1977) 34(3) p. 383-388. English, with English summary.

M 2482 (IJsselmeer Polders Development and Settlement Authority, Lelystad. Annual report on the year 1975 of the Scientific department of the State Service for the IJsselmeerpolders.) (RIJ). Jaarverslag over het jaar 1975 van de Wetenschappelijke Afdeling van de Rijksdienst voor de IJsselmeerpolders. Rijksdienst voor de IJsselmeerpolders, Lelystad, 1976. pp. 137. Refs. 129-137. Dutch.

PLANT PATHOLOGY AND PROTECTION

(Also Nos M 2397, 2400, 2402, 2410, 2433, 2453, 2454, 2508, 2514, 2515, 2516, 2520, 2526, 2532, 2533, 2537, 2541, 2544, 2546, 2547, 2550, 2552, 2555, 2556, 2558, 2559, 2565, 2567, 2574, 2575, 2577, 2578, 2579, 2580, 2588, 2589, 2590, 2594, 2595, 2596, 2597, 2598, 2599, 2604, 2610, 2611, 2617, 2625, 2627, 2628, 2630, 2632, 2638, 2639, 2643)

M 2483 Boerema, G.H.(PD); Dorenbosch, M.M.J. & Kesteren, H.A. van. Remarks on species of Phoma referred to Peyronellaea, V. Kew Bulletin (1977)31(3) p. 533-544. Refs. 50. English.

M 2484 Bolman, J. (Nic.Maesstraat 122 boven, Amsterdam-1007). (Rise and decline of Elodea canadensis Michx. - in West-Netherlands .) Opgang en neergang van de Brede waterpest (Elodea canadensis Michx.). Natura (1977)74(5) p. 191-197. Refs. 3. Dutch.

M 2485 Bos, B.G. van den. (PDPB). (Crop protection: advantages to be evaluated against disadvantages.) Gewasbescherming: voordelen afwegen tegen nadelen. Chemisch Weekblad (1977)(4) p. 15-16. Dutch.

M 2486 Brader, L. (IPO). Integrated control, a new approach in crop protection. C.R. 5e Symposium Lutte intégrée en vergers. OILB/SROP 1975, p. 9-16. Also: Mededeling IPO - No. 707. Wageningen, 1975. pp. 8. Refs. 6. English (reprint).

M 2487 Brinkman, H. (PD). (Nematological observations - Netherlands - in 1975 and 1976.)Nematologische waarnemingen in 1975 en 1976. Gewasbescherming (1977)8(4) p. 131-136. Refs. 7. Dutch.

M 2488 Choudhry, G.G. (GUA) et al. Synthesis of chlorinated dibenzofurans by photolysis of chlorinated diphenyl ethers in acetone solution. Chemosphere (1977)6(6) p. 327-332. Refs. 29. English.

M 2489 Dekhuijzen, H.M. (CABO). The effect of chlormequat on auxin-stimulated elongation of wheat coleoptile sections as influenced by cations. Zeitschrift für Pflanzenphysiologie (1977)83(2) p. 115-125. **Refs. 23. English.**

M 2490 Engelhardt, G.; Tillmans, G. (GUA) et al. Biodegradation of di-iso-butyl phthalate and related dialkyl phthalates by Penicillium lilacinum. Chemosphere (1977)6(6) p. 347-354. Refs. 22. English.

M 2491 Hak, P.S. (IBVL). (The use of thermal treatment with steam as a growth regulator in watercourses.) Mogelijkheden van groeiregulering in watergangen door toediening van een stoommengsel. IBVL-Publikaties no. 298. Wageningen, 1977. pp. 68. Refs.10. Dutch, with English and Dutch summaries. Also obtainable from Pudoc as "Verslagen Landbouwkundige Onderzoekingen" (Agricultural Research Reports) No. 862. ISBN 90 220 0626 3. Price ƒ 10,--

M 2492 Maas, P.W.Th. & Stemerding, S. (PD). (Scientific names of cyst eelworms.) De wetenschappelijke namen van cysteaaltjes. Gewasbescherming (1977)8(4) p. 137-138. Refs. 4. Dutch.

M 2493 Mennema, J. (RUL). (Is Pistia stratiotes L. becoming a new water pest in the Netherlands?) Wordt de Watersla (Pistia stratiotes L.) een nieuwe waterpest in Nederland? Natura (1977)74(5) p. 187-190. **Refs. 5. Dutch.**

M 2494 Ouden, H. den (IPO) & Veer, R.F. van de. The effect of some systemic nematicides on the control of Heterodera rostochiensis in the field. Netherlands Journal of Plant Pathology (1977)83(4) p. 129-137. Refs. 17. English, with English and Dutch summaries.

M 2495 Overmeer, P.J. (GUA) & Zon, A.Q. van. A comparative study on mating competitiveness of males from normal and chromosome mutation strains of the red spider mite, Tetranychus urticae Koch (Acari: Tetranychidae). Zeitschrift für Angewandte Entomologie **(1977)84(1) p. 31-37. Refs. 14. English.**

M 2496 Rossem, G. van; Bund, C.F. van de & Burger, H.C. (PD). (Some remarkable cases of insect damage - in the Netherlands - in 1976.) Bijzondere aantastingen door insekten in 1976. Entomologische Berichten (1977)37(7) p. 97-98. Refs. 2. Dutch, with **English summary.**

M 2497 Smelt, J.H.; Leistra, M. & Voerman, S. (LIO). Movement and rate of decomposition of ethoprophos in soil columns under field conditions. Pesticide Science (1977)8(2) p. 147-151. Refs. 9. **English.**

M 2498 Telling, G.M.; Sissons, D.J. & Brinkman, H.W. (URL). Determination of organochlorine insecticide residues in fatty foodstuffs using a clean-up technique based on a single column of activated alumina. Journal of Chromatography (1977)137(2) p. 405-**423. Refs. 23. English.**

M 2499 Terpstra, R. (LHAG). (Model trial mechanical weed control.) Modelproef mechanische onkruidbestrijding. Rapporten - LH Vakgroep Grondbewerking no. 1977-1, Wageningen, 1977. pp. 22. **Dutch, with English summary.**

M 2500 (Transportation of pesticides. Some important regulations of the - Dutch - Law Dangerous substances.) (NEFYTO, Hogeweg 16, The Hague). Vervoer van gewasbeschermingsmiddelen. Enkele belangrijke bepalingen van de Wet Gevaarlijke Stoffen. Nederlandse Stichting voor Fytofarmacie, The Hague, 1977. pp. 39. Dutch.

M 2501 Tulp, M.T.M. & Hutzinger, O. (GUA). Use of ethyl ethers, deuteriomethyl ethers and cyclic n-butylboronates of hydroxychlorobiphenyls in identification of metabolites of polychlorinated biphenyls. Journal of Chromatography (1977)139(1) p. 51-59. Refs. 19. English, with English summary.

M 2502 Zon, J.C.J. van. (CABO). (Development of biological control of weeds.) Ontwikkeling bij de biologische bestrijding van onkruiden. Gewasbescherming (1977)8(3) p. 76-81. Dutch.

M 2503 Zon, J.C.J. van. (CABO). Introduction to biological control of aquatic weeds. Aquatic Botany (1977)3(2) p. 105-109. English.

M 2504 Zonderwijk, P. (PD). (The state of weed research and weed control in 1975 and 1976 in the Netherlands.) De stand van het onkruidonderzoek en de onkruidbestrijding in 1975 en 1976 in Nederland. Gewasbescherming (1977)8(4) p. 105-122. Dutch.

M 2505 Zweep, W. van der. (CABO). (Energy use in weed control.) Energiegebruik bij de onkruidbestrijding. Landbouw en Plantenziekten (1977)(1) p. 1-16. Dutch.

M 2506 Zweep, W. van der. (CABO). (Tendencies in weed research.) Tendensen bij het onkruidonderzoek. Gewasbescherming (1977)8(3) p. 73-75. Dutch.

FIELD CROPS, GRASSLAND

(Also Nos M 2330, 2397, 2401, 2402, 2403, 2406, 2409, 2414, 2473, 2485, 2487, 2489, 2494, 2496, 2678)

M 2507 (Agricultural University: Department of Field Crops and Grassland Husbandry, Wageningen. Annual Report 1976.) (LHALPG). Jaarverslag 1976. Landbouwplantenteelt en Graslandcultuur, Mededeling nr. 45, Wageningen, 1977. pp. 90. Dutch.

M 2508 Alblas, F. & Bol, J.F. (LHAV). Factors influencing the infection of cowpea mesophyll protoplasts by alfalfa mosaic virus. Journal of General Virology (1977)36(1) p. 175-185. Refs. 26. English.

M 2509 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen). (Harvesting losses in sugar beet in the Netherlands.) Verliezen bij de oogst van suikerbieten. Landbouwmechanisatie (1977)28(8) p. 887-892. Dutch, with English summary.

M 2510 Andringa, J.T. (Consulentschap voor Landbouwwerktuigen en Arbeid, Mansholtlaan 12, Wageningen) & Kiers, G. (Two- and three-row potato harvesters on the Dutch market.) Twee- en drierijige aardappelrooimachines. Technische gegevens en prijzen. Landbouwmechanisatie (1977)28(8) p. 912-919. Dutch, with English summary.

M 2511 Beets, W.C. (Rhodesia University, Salisbury (Rhodesia)). Multiple cropping of maize and soya beans under a high level of crop management. Netherlands Journal of Agricultural Science (1977)25(2) p. 95-102. Refs. 8. English, with English summary.

M 2512 Bernelot Moens, H.L. (PAGV); Kuizenga, J. & Liefstingh, G. (Culture of oilseed poppy.) Teelt van blauwmaanzaad. Teelthandleiding. Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond no. 1. Lelystad, 1977. pp. 24. Dutch.

M 2513 Bodlaender, K.B.A. (CABO). (Research with growth regulators on flax in the Netherlands.) Onderzoek met groeiregulerende middelen op vlas in Nederland. Fibra (1976-1977)23(3) p. 65-76. Dutch, with English summary.

M 2514 Boerema, G.H.(PD); Mathur, S.B. & Neergaard, P. Ascochyta hyalospora (Cooke and Ell.) comb. nov. in seeds of Chenopodium quinoa. Netherlands Journal of Plant Pathology (1977)83(4) p. 153-159. Refs. 8. English, with English and Dutch summaries.

M 2515 Boerema, G.H. (PD). (The Phoma organisms causing gangrene of potatoes.) De veroorzakers van gangreen bij aardappel. Gewasbescherming (1977)8(3) p. 91-94. Refs. 13. Dutch, with English summary.

M 2516 Bor, N.A. (PAGV). (Chemical weed control in fiber flax in the Netherlands.) Chemische onkruidbestrijding in vezelvlas in Nederland. Fibra (1976-1977)23(3) p. 58-64. Dutch, with English summary.

M 2517 Bor, N.A. (PAGV). (Results of three years flax mechanization nuclei - Netherlands.) Resultaten van drie jaar "Vlasmechanisatiekernen". Fibra (1976-1977)23(3) p. 87-96. Dutch, with English summary.

M 2518 Boswijk, A. (Geert Veenhuizenhoeve, Borgercompagnie 172, post Sappemeer (Gr.)). The effect of fertilizers on the yields of industrial potatoes in a intensive cropping plan on sandy peat. Annales Agronomiques (1976)27(5, 6) p. 771-780. English, with French, German and Russian summaries.

M 2519 Bouman, A. (IMAG). (A new harvesting method for flax.) Een nieuwe oogstmethode voor vlas. Fibra (1976-1977)23(3) p. 77-86. Dutch, with English summary.

M 2520 Bouter, H. (LHIVP). (Resistance breeding against the potato leaf roll virus (Solanum virus 14) by artificially induced mutations.) Resistentie-veredeling tegen het aardappelbladrolvirus (Solanum-virus 14) door middel van kunstmatig opgewekte mutaties. Zaadbelangen (1977)31(6) p. 194-198. Refs. 4. Dutch, with Dutch summary.

M 2521 Breukelen, E.W.M.; Ramanna, M.S. & Hermsen, J.G.T. (LHIVP). Parthenogenetic monohaploids (2n = x = 12) from Solanum tuberosum L. and S. verrucosum Schlechtd. and the production of homozygous potato diploids. Euphytica (1977)26(2) p. 263-271. Refs. [illegible]. English, with English summary.

M 2522 Darwinkel, A. (PAGV). (Sowing method and grain yield in winter wheat.) Zaaimethode en korrelopbrengst bij wintertarwe. Bedrijfsontwikkeling (1977)8(7/8) p. 709-712. Refs. 2. Dutch.

M 2523 Darwinkel, A. (PAGV). (Sowing time and grain yield in winter wheat.) Zaaitijd en korrelopbrengst bij wintertarwe. Bedrijfsontwikkeling (1977)8(7/8) p. 705-708. Refs. 4. Dutch.

M 2524 Darwinkel, A.; Hag, B.A. ten & Kuizenga, J.(PAGV). Effect of sowing date and seed rate on crop development and grain production of winter wheat. Netherlands Journal of Agricultural Science (1977)25(2) p. 83-94. Refs. 24. English, with English summary.

M 2525 Dröge, H. (LEI). (Arable culture - 1975. Results in history and near future.) Akkerbouw - 1975. Resultaten in verleden en naaste toekomst. Publikaties LEI no. 3.55, The Hague, 1975. pp. 73. Dutch. Price ƒ 8,50.

M 2526 Ennik, G.C. & Baan Hofman, T. (CABO). Response of pasture grass to thionazin and other pesticides. Agricultural Research Reports no. 867, Pudoc, Wageningen, 1977. pp. 41. Refs. 6. English, with English summary. ISBN 90 220 0641 7. Price ƒ 7,50.

M 2527 Frederiks, W.F. & Klooster, J.J. (IMAG). (Experiences with soil compaction for resowing of grassland.) Ervaringen met het aandrukken van de grond bij herinzaai van grasland. Landbouwmechanisatie (1977)28(7) p. 751-753. Dutch, with English summary.

M 2528 Hag, B.A. ten (PAGV); Leussen, M. van & Velde, H.A. te. (Observations in practice about double cropping of a foddercrop in the winter followed by silage maize (Twente 1976)). Praktijkwaarnemingen omtrent dubbelteelt van wintervoedergewas gevolgd door snijmais in Twente in 1976. Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond - Rapport no. 3, Lelystad-Alkmaar, 1977. pp. 35. Refs. 3. Dutch, with English summary.

M 2530 Hag, B.A. ten. (PAGV). (Towards bigger silage corn yields.) Naar hogere snijmaisopbrengsten. Bedrijfsontwikkeling (1977)8(7/8) p. 713-716. Dutch.

M 2531 Hendriks, H. (RUG) et al. Alkanes of the essential oil of Cannabis sativa. Phytochemistry (1977)16(6) p. 719-721. Refs. 10. English.

M 2532 Heijbroek, W. (IRS). Partial resistance of sugarbeet to beet cyst eelworm (Heterodera schachtii Schm.). Euphytica (1977)26(2) p. 257-262. Refs. 23. English, with English summary.

M 2533 Hijwegen, T. (LHAF). Induced pterocarpan formation in two Melilotus species. Netherlands Journal of Plant Pathology (1977)83(4) p. 161-163. Refs. 6. English, with Dutch summary.

M 2534 (Institute for Research on Varieties of Field Crops, Wageningen. Annual Report 1976.)(RIVRO). Instituut voor Rassenonderzoek van Landbouwgewassen. Jaarverslag 1976. RIVRO, Wageningen, 1977. pp. 98 + 33. Many tables, list of publications, historical data. Dutch.

M 2535 (Institute for Research on Varieties of Field Crops, Wageningen. Annual report of the Experimental Farms at Wageningen and Dronten 1976.) (RIVRO). Instituut voor Rassenonderzoek van Landbouwgewassen. Verslag van de Proefboerderijen in Wageningen en Dronten over 1976. RIVRO, Wageningen, 1977. pp. 18 Dutch.

M 2536 Kool, A.J. (VUA). An autoradiographic study of binding and uptake of DNA by cultured soybean SB1 cells and protoplasts. Genen en Phaenen (1977)19(2/3) p. 61-63. Refs. 5. English.

M 2537 Kramer, S.J. (LHAE); Wieten, M. & Kort, C.A.D. de. Metabolism of juvenile hormone in the Colorado potato beetle, Leptinotarsa decemlineata. Insect Biochemistry (1977)7(3) p. 231-236. Refs. 20. English.

M 2538 Kruijne, A.A. & Vries, D.M. de. (Bretagnesingel 27, Heteren). (Vegetative recognition of our - Dutch - grassland plants, 6th ed.) Vegetatieve herkenning van onze graslandplanten, 6e dr. Veenman, Wageningen, 1976. pp. 112. Dutch. ISBN 90 278 1107 5.

M 2539 Lande Cremer, L.C.N. de la. (IB). (Mineral and organic fertilizer experiment on permanent grassland, island of Ameland (1899-1969).) Expérience de fertilisation minérale et organique sur prairie permanente ile d'Ameland (1899-1969). Annales Agronomiques (1976)27(5,6) p. 1007-1026. Ref. 1. French, with English, German and Russian summaries.

M 2540 Lande Cremer, L.C.N. de la. (IB). (Study of the humus maintenance in a bare or cultivated soil with or without manure supply (Groningen Haren, 1910-1970).) Étude de l'entretien de l'humus en sol nu ou cultivé avec ou sans fumier (Groningen-Haren, 1910-1970). Annales Agronomiques (1976)27(5,6) p. 791-801. Refs. 7. French, with English, German and Russian summaries.

M 2541 Lindhoud, W.M. (Hoechst Holland B.V., Amsterdam). (Alopex, a new herbicide with specific selective activity against some grass species - for use in cereals and sugarbeet.) Alopex, een nieuw herbicide met specifieke selectieve werkzaamheid tegen enkele grassoorten. Gewasbescherming (1977)8(3) p. 86-90. Dutch.

M 2542 Linskens, H.F. (KUN) & Pfahler, P.L. Genotypic effects on the amino acid relationships in maize (Zea mays L.) pollen and style. Theoretical and Applied Genetics (1977)50(4) p. 173-177. Refs. 16. English.

M 2543 Linskens, H.F. (KUN); Pfahler, P.L. & Knuiman-Stevens, E.L. Identification of soybean by the surface relief of the seed coat. Theoretical and Applied Genetics (1977)50(3) p. 147-149. Refs. 5. English.

M 2544 Loon, L.C. van. (LHAPO). Induction by 2-chloroethylphosphonic acid of viral-like lesions, associated proteins, and systemic resistance in tobacco. Virology (1977)80(2) p. 417-420. Refs. 17. English.

M 2545 Lousberg, R.J.J.C. (RUU) et al. Cannabinodiol conclusive identification and synthesis of a new cannabinoid from Cannabis sativa. Phytochemistry (1977)16(5) p. 595-597. Refs. 14. English.

M 2546 Lumkes, L.M. (PAGV). (Vision on the control of the weed volunteer potatoes.) Visie op de bestrijding van het onkruid aardappelopslag. Landbouw en plantenziekten (1977)(1) p. 35-51. Dutch.

M 2547 Lumkes, L.M. (PAGV). (Volunteer potatoes. Suggestions for solution of a problem.) Aardappelen als onkruid, oplossingen voor een probleem. Landbouwmechanisatie (1977)28(7) p. 785-787. Dutch, with English summary.

M 2548 Luten, W. (PR). (Grass seed for permanent pasture.) Graszaad voor blijvend grasland. Zaadbelangen (1977)31(6) p. 186-188. Dutch, with Dutch summary.

M 2549 Luten, W. (PR). (Re-sowing and sod sowing of grassland.) Herinzaaien en doorzaaien van grasland. Landbouwmechanisatie (1977)28(7) p. 757-758. Dutch.

M 2550 Maas, P.W.T. & Brinkman, H. (PD). (Damage of maize by the cereal cyst nematode (Heterodera avenae).) Schade door het havercysteaaltje (Heterodera avenae) bij mais. Gewasbescherming (1977)8(4) p. 139-144. Refs. 14. Dutch.

M 2551 Mastebroek, H.D. (SVP). (Breeding of nude barley.) Veredeling van naakte gerst. Zaadbelangen (1977)31(6) p. 192-194. Refs. 7. Dutch, with Dutch summary.

M 2552 Meijers, C.P. & Hak, P.S. (IBVL). (The appliance of TBZ on seed- and ware potatoes.) De toepassing van TBZ op poot- en consumptieaardappelen. Landbouwmechanisatie (1977)28(7) p. 799-802. Dutch, with English summary.

M 2554 Molen, W.H. van der. (LHAC). (Sow rye in the dust - influence of climatic variations on - mainly - field crops.) Zaai rogge in het stof. Rede 59e Dies Natalis van de Landbouwhogeschool Wageningen, 9 maart 1977. pp. 17. Refs. 7. Dutch.

M 2555 Parlevliet, J.E. (LHIVP). Evidence of differential interaction in the polygenic Hordeum vulgare-Puccinia hordei relation during epidemic development. Phytopathology (1977)67(6) p. 776-778. Refs. 12. English.

M 2556 Parlevliet, J.E. & Kuiper, H.J. (LHIVP). Partial resistance of barley to leaf rust, Puccinia hordei, 4: effect of cultivar and development stage on infection frequency. Euphytica (1977)26(2) p. 249-255. Refs. 10. English, with English summary.

M 2557 Pfahler, P.L. & Linskens, H.F. (KUN). Ultraviolet irradiation of maize (Zea mays L.) pollen grains. II. Pollen genotype effects on plant characteristics. Theoretical and Applied Genetics (1977)50(1) p. 17-21. Refs. 13. English.

M 2558 Plas, L.H.W. van der (VUA) et al. Changes in the effects of Mg^{++}-ions on mitochondrial respiration after wounding of potato tubers. Zeitschrift für Pflanzenphysiologie (1977)83(3) p. 213-226. Refs. 20. English.

M 2559 Pleij, C.W.A. (RUL) et al. The occurrence of the coat protein messenger RNA in the minor components of turnip yellow mosaic virus. FEBS-Letters (1977)80(1) p. 19-22. Refs. 11. English.

M 2560 (Research Station for Arable Farming and for Vegetable Growing in the Open, Lelystad. Annual report 1976.) (PAGV). Jaarverslag 1976. Publikaties Proefstation voor de Akkerbouw no. 24, Lelystad, 1977. pp. 86. **Dutch. Price ƒ 10,--.**

M 2561 Schutte, L. (UniMills B.V., Lindtsedijk 2, Zwijndrecht). (Technical problems and solutions in the recovery of soy proteins.) Technische Probleme und Lösungen bei der Gewinnung von Sojaproteinen. Fette, Seifen, Anstrichmittel (1977)79(6) p. 230-234. **Refs. 8. German, with English summary.**

M 2562 Schuurman, J.J. (IB). (The influence of nitrogen fertilization on root and shoot growth of rye.) De invloed van stikstofbemesting op de wortel- en spruitgroei van rogge. Rapport Instituut voor Bodemvruchtbaarheid no. 1-77, Haren, (Gr.), 1977. pp. 31. Refs. **p. 28-31. Dutch, with Dutch summary.**

M 2563 Slootmaker, L.A.J.; Post, J. (SVP) & Vermeire, H.A. Suitability of spring barley varieties to improve malting quality. Verslag van kruisingsprogramma II met zomergerstrassen. Mededelingen van het N.I.B.E.M.-TNO No. 23. Zeist, 1977. pp. 35. English, with **Dutch summary.**

M 2564 Spiertz, J.H.J. (LHALPG). The influence of temperature and light intensity on grain growth in relation to the carbohydrate and nitrogen economy of the wheat plant. Netherlands Journal of Agricultural Science (1977)25(3) p. 182-197. Refs. 21. English, with English summary.

M 2565 Srinivasan, S.; Jaspars, E.M.J. (RUU) & Hinz, H.J. Calorimetric studies on the interaction of RNA and coat protein of alfalfa mosaic virus. FEBS-Letters (1977)80(2) p. 288-290. Refs. 10. English.

M 2566 Stigter, C.J. (LHANW) et al. Experimental evaluation of a crop climate simulation model for Indian corn (Zea mays L.). Agricultural Meteorology (1977)18(3) p. 163-186. Refs. p. 184-186. **English, with English summary.**

M 2567 Stubbs, R.W. (LHAF); Slovenčíková, V. & Bartoš, P. Yellow rust resistance of some European wheat cultivars derived from rye. Cereal Rusts Bulletin (1977)5(2) p. 44-47. Refs. 6. English.

M 2568 Theuns, H.G. (RUU) et al. Alkaloids of Papaver bracteatum 14-β-hydroxycodeinone, 14-β-hydroxycodeine and N-methylcorydaldine. Phytochemistry (1977)16(6) p. 753-755. Refs. 16. English.

M 2569 Velde, H.A. te. (PAGV). (Sow green manuring crops as early as possible in summer.) Groenbemesters in de zomer zo vroeg mogelijk zaaien. Zaadbelangen (1977)31(6) p. 182-185. Dutch, with **Dutch summary.**

M 2570 Velde, H.A. te. (PAGV). (Yields of winter forage crops in relation to sowing time and the weather.) Opbrengsten van stoppelgewassen in afhankelijkheid van de zaaitijd en het weer. Bedrijfsontwikkeling (1977)8(6) p. 587-590. Refs. 9. Dutch, with Dutch summary.

M 2571 Vos, H.W. (LHALT). (The influence of preventive maintenance on the breakdown frequency of a potato harvester.) De invloed van preventief onderhoud op de frequentie van storingen bij een aardappelrooimachine. Landbouwmechanisatie (1977)28(8) p. 871-872. **Dutch, with English summary.**

M 2572 Wassenaar, R. (RIVRO). (Flax varieties in the Netherlands.) Vlasrassen in Nederland. Fibra (1976-1977)23(3) p. 52-57. Dutch, with English summary.

M 2573 Wojciechowska, B. & Lange, W. (SVP). The crossing of common wheat (Triticum aestivum L.) with cultivated rye (Secale cereale L.), 2: fertilization and early post-fertilization developments. Euphytica (1977)26(2) p. 287-297. Refs. 16. English, with English summary.

M 2574 Zaag, D.E. van der. (SVP). (Importance of infection of seed potatoes with virus for the yield of potatoes.) Betekenis van infectie van poters met virus op de opbrengst bij aardappelen. Landbouwkundig Tijdschrift (1977)89(6) p. 154-157. Refs. 6. Dutch, with Dutch summary.

FORESTRY

(Also Nos M 2348, 2401, 2412, 2450, 2496, 2600, 2636, 2640, 2736, 2749)

M 2575 Deventer, P. van (LIO) & Minks, A.K. (Some observations on the bark beetle, Scolytus pygmaeus (F.) (Coleoptera Scolytidae - a pest of elm.) Enkele waarnemingen over de schorskever, Scolytus pygmaeus (F) (Coleoptera, Scolytidae). Entomologische Berichten (1977)37(9) p. 138. Refs. 3. Dutch.

M 2576 (Directorate General of Agriculture: State Forest Management. Annual report 1976.) (SBB). Staatsbosbeheer. Jaarverslag 1976. Staatsbosbeheer, Utrecht, 1977. pp. 155. Dutch, with English summary.

M 2577 Doom, D. (RBL). (Infestations by insects and mites on trees and shrubs in 1976 - in the Netherlands.) Aantastingen door insekten en mijten op bomen en struiken in 1976. Nederlands Bosbouw Tijdschrift (1977)49(5) p. 206-212. Dutch, with English summary.

M 2578 Heeswijk, H.A. van. (KNHM). (Poplar and willow in urban areas - Helmond.) Populier en wilg in stedelijke gebieden - Helmond. Populier (1977)14(3) p. 61-64. Dutch.

M 2579 Jager, K. (RBL). (Glyphosphate, a new herbicide for control of black cherry (Prunus serotina).) Glyfosfaat, een nieuw middel voor de bestrijding van Amerikaanse vogelkers (Prunus serotina). Nederlands Bosbouw Tijdschrift (1977)49(5) p. 191-198. Refs. 6. Dutch, with English and Dutch summaries.

M 2580 Lemmens, R.H.E. (SBB) & Tol, G. van. (Control of Prunus serotina - a survey of control methods.) De bestrijding van de Amerikaanse vogelkers, Prunus serotina. Een overzicht van de bestrijdingsmethoden. Nederlands Bosbouw Tijdschrift (1977)49(5) p. 199-205. Refs. 8. Dutch, with English and Dutch summaries.

M 2581 Londo, G. (RIN). (Forests and nature conservation.) Bossen en natuurbeheer. Nederlands Bosbouw Tijdschrift (1977)49(7) p. 219-228. Refs. 26. Dutch.

M 2582 Proceedings of the symposium "Better Trees for Metropolitan Landscapes". Washington, 1975. USDA Forest Service. General Technical Report NE-22. Upper Darby, 1976. pp. 256.

Selected article:

M 2582a Heybroek, H.M. (RBL). Chapters on the genetic improvement of elms. p. 209-213. Refs. 26. English.

M 2583 Sissingh, G. (SBB). (Forestry and nature conservation.) Bosbouw en natuurbeheer. Nederlands Bosbouw Tijdschrift (1977)49(7) p. 229-238. Refs. 31. Dutch.

M 2584 Slangen, L.H.G. & Ausems, W.F. (LHAALH). (The economic importance of Dutch forestry in 1975.) De economische betekenis van de Nederlandse bosbouw in 1975. Landbouwkundig Tijdschrift (1977)89(8) p. 270-280. Refs. 11. Dutch.

M 2585 (Structural vision on - Dutch - forest and forestry.) (MLV). Structuurvisie op het bos en de bosbouw. Ministerie van Landbouw en Visserij, The Hague, 1977. pp. 82. Dutch. ISBN 90 12 01621 5.

M 2586 Wolterson, J.F. (RBL). (The renewable resource. Forestry, wood use and consumption - history, present and future.) De vernieuwbare grondstof. Bosbouw, houtgebruik en -verbruik - toen, nu en straks. Staatsuitgeverij, The Hague, 1977. pp. 88. Refs. p. 87-88. Dutch. ISBN 90 12 01514 6.

HORTICULTURE

(General horticulture, fruits, vegetables, ornamentals)

General horticulture

(Also Nos M 2404, 2473)

M 2587 Visser, A.J. de. (LEI). (Costs and yield aspects of assimilatory illumination - of horticultural crops.) Kosten en opbrengstaspecten van assimilatiebelichting. Bedrijfsontwikkeling (1977)8(7/8) p. 730-733. Refs. 2. Dutch.

Fruits

(Also Nos M 2486, 2608, 2722)

M 2588 Alkema, P. (Proefboomgaard De Schuilenburg TNO, Lienden). (Experiences with supervised control in the - Dutch - river clay area from 1971 - 1974.) Ervaringen met geleide bestrijding Rivierkleigebied van 1971-1974. De Fruitteelt (1975)65(7) p. 164-167. Refs. 3. Dutch.

M 2589 Boon, J. van der. (IB). (Bitter pit in apples and weather factors.) Stip in appels en weersfactoren. Rapport Instituut voor Bodemvruchtbaarheid no. 2-77, Haren (Gr.), 1977. pp. 17. Ref. 1. Dutch, with Dutch summary.

M 2590 Boon, J. van der & Das, A. (IB). (Storage recommendations for Cox' orange pippin - apples - as to sensitivity for bitter pit.) Bewaaradvies voor Cox' orange pippin in verband met stipgevoeligheid. Rapporten - Instituut voor Bodemvruchtbaarheid no. 10-76, Haren (Gr.), 1976. pp. 108. Refs. 8. Dutch, with Dutch summary.

M 2591 Delver, P. (IB). (Experiences with trickle irrigation - in fruit growing. (2).) Ervaringen met druppelbevloeiing (2). De Fruitteelt (1977)67(25) p. 809-811. Dutch, with Dutch summary.

M 2592 Gorin, N. (SI) & Frijters, J.E.R. (IPS). Criterion of keeping quality in Golden Delicious apples. Lebensmittelwissenschaft und -technologie (1976)9(237) p. 183-184. Refs. 6. English. Also: Overdruk Sprenger Instituut no. 183. Wageningen, 1976. pp. 2.

M 2593 Gorin, N.; Klop, W. & Heidema, F.T. (SI). Protease activity on Golden Delicious apples as another parameter of senescence. Zeitschrift für Lebensmitteluntersuchung und -Forschung (1977)164 (2) p. 92-93. Refs. 5. English, with German summary.

M 2594 Gruys, P. (Proefboomgaard "De Schuilenburg" TNO, Lienden). (Some remarks on the relation between weeds and integrated control of pests in orchards.) Enkele opmerkingen over de relatie tussen onkruiden en de geïntegreerde bestrijding van plagen in boomgaarden. Gewasbescherming (1977)8(3) p. 81-85. Refs. 8. Dutch.

M 2595 International Society for Horticultural Science, The Hague. Tenth International Symposium on fruit tree virus diseases, Heidelberg, (Germany, F.R.), 2 - 10 Sept. 1976. Proceedings of the international symposium ISHS, The Hague, 1976. pp. 342. English, with English summaries. Also: Acta Horticulturae (1976) no. 67.

Selected papers:

M 2596 Katwijk, W. van. (PD). Experiences with several indicators for the pear vein yellow virus and a comparison between pear vein yellows and quince sooty ring spot symptoms. Acta Horticulturae (1976)(67) p. 305-313. Refs. 3. English.

M 2597 Meer, F.A. van der. (LHAF). Observations on apple stem grooving virus. Acta Horticulturae (1976)(67) p. 293-304. Refs. 13. English.

M 2598 Jong, D.J. de (IPO) & Gruys, P. (TNO-Proefboomgaard "De Schuilenburg", Lienden). Practical approach to the leaf roller problem in integrated control in orchards. C.R. 5e Symposium Lutte Intégrée en vergers. OILB/SROP 1975. p.227-235. English. Also: Mededeling IPO - No. 708. Wageningen. 1975. pp. 9. Refs. 21. English (reprint).

M 2599 Scheer, H.A.Th. van der (PF); Dieren, J.P.A. van & Wondergem, H.J. (Research into the period in which sprayings against Nectria galligena on fruit trees can be carried out.) Onderzoek naar de periode waarin bespuitingen tegen vruchtboomkanker (Nectria galligena) moeten worden uitgevoerd. De Fruitteelt (1977)67(34) p. 1070-1072. Refs. 4. Dutch.

M 2600 (Sector vision for nursery stock 1976 - 1980.) Bedrijfstakvisie boomkwekerij 1976 - 1980. Ministerie van Landbouw en Visserij, Directie Akkerbouw en Tuinbouw, The Hague, 1977. pp. 64. Dutch.

M 2601 Tromp, J. & Wertheim, S.J. (PF). (Outlook on fruit quality.) Kijk op vruchtkwaliteit. Mededelingen van het Proefstation voor de Fruitteelt no. 16, Wilhelminadorp, 1977. pp. 202. Refs. p. 193-201. Dutch, with English summary.

Vegetables

(Also Nos M 2405, 2726)

M 2602 Behboudian, M.H. & Holsteijn, H.M.C. van. (LHATPT). Water relations of lettuce, 1 internal physical aspects for two cultivars. Scientia Horticulturae (1977)7(1) p. 9-17. Refs. 25. English, with English summary.

M 2603 Brandon, P.C. (Philips Research Laboratories, Eindhoven) & Boekel-Mol, G.N. van. β-Bromo-β-nitrostyrene as a facile and photosystem I-specific electron acceptor - in spinach. FEBS Letters (1977)80(1) p. 201-204. Refs. 6. English.

M 2604 Eenink, A.H. (IVT) & Dieleman, F.L. Screening Lactuca for resistance to Myzus persicae. Netherlands Journal of Plant Pathology (1977)83(4) p. 139-151. English, with English and Dutch summaries.

M 2605 Geurts, M.H.A. (PC). (The meaning of pH and ammonia - in compost - at spawning - of mushrooms.) Die Bedeutung von pH und Ammoniak beim Spicken. Der Champignon (1977)17(191) p. 20-22. German.

M 2606 Ginkel, G. van. (RUU). Ageing of isolated chloroplasts in a stabilizing medium: influence of different types of photophosphorylation - in spinach. Acta Botanica Neerlandica (1977)26(4) p. 303-311. Refs. p. 310-311. English.

M 2607 Ginkel, G. van. (RUU). Detailed action spectra of photophosphorylation catalyzed by photosystem I - in spinach. Acta Botanica Neerlandica (1977)26(4) p. 313-319. Refs. p. 318-319. English.

M 2608 (Glasshouse Crops Research and Experiment Station. Annual Report 1976.) (PGF). Proefstation foor de Groenten- en Fruitteelt onder Glas. Jaarverslag 1976. Naaldwijk, 1977. pp. 35. Dutch.

M 2609 Groenewegen, A.N. (LEI). (Profitability and financing of vegetable growing in the open in the Netherlands in 1975 (harvest 1975/1976.) Rentabiliteit en financiering van de groenteteelt in de open grond in Nederland over 1975 (oogst 1975/1976). Mededelingen LEI no. 166, The Hague, 1977. pp. 34. Dutch.

M 2610 Holsteijn, H.M.C. van; Behboudian, M.H. (LHATPT) & Bongers, H.C.M.L. Water relations of lettuce, 2: effects of drought on gas exchange properties of two cultivars. Scientia Horticulturae (1977) 7(1) p. 19-26. Refs. 28. English, with English summary.

M 2611 Hurk, J. van den; Tas, P.W.L.&Peters, D. (LHAV). The ribonucleic acid of tomato spotted wilt virus. Journal of General Virology (1977)36(1) p. 81-91. Refs. 18. English.

M 2612 Mos, D. de. (Consulentschap voor de Tuinbouw, Zuidweg 38, Naaldwijk). (Development of the culture of egg plants in the Netherlands.) Ontwikkeling van de teelt van aubergines in Nederland. Bedrijfsontwikkeling (1977)8(7/8) p. 726-729. Dutch.

M 2613 Pol, P.H. van de. (PC). (Mushroom culture in the Netherlands.) De champignonteelt in Nederland. Landbouwkundig Tijdschrift (1977)89(8) p. 285-289. Dutch.

M 2614 Rol, W. (SI) & Damen, P.M.M. (Transport of theshed Vicia beans in carbon dioxide gas and nitrogen.) Vervoer van gedorste tuinbonen in koolzuurgas en stikstof. Sprenger Instituut, Bulletin no. 143, Wageningen, 1977. pp. 2. Dutch.

M 2615 Rol, W.(SI) & Steinbuch, E. (Deep freezing quality of Brussels sprouts hybrids.) Diepvrieskwaliteit van spruitkoolhybriden. Sprenger Instituut, Bulletin no. 144, Wageningen, 1977. pp. 2. Dutch.

M 2616 Rol, W. & Steinbuch, E. (SI). (The preservation value of clear skin color retaining Vicia bean varieties.) De conservenwaarde van blankblijvende tuinbonenrassen. Sprenger Instituut, Bulletin no. 141, Wageningen, 1977. pp. 2. Dutch.

M 2617 Rutjens, A.J. (PC). (The effect of chlorine on yield and quality - of mushrooms.) De invloed van chloor op opbrengst en kwaliteit. De Champignoncultuur (1977)21(6) p. 161-167. Dutch.

M 2618 Schoneveld, J.A. (PAGV). (Mechanical harvesting of cabbage.) De machinale oogst van sluitkool. Bedrijfsontwikkeling (1977)8(6) p. 601-606. Refs. 7. Dutch, with Dutch summary.

M 2619 Schoneveld, J.A. (PAGV) et al. (The quality of the work of two gherkin harvesting machines with varying drive velocity and crop quantity.) De kwaliteit van het werk van twee augurkenoogstmachines bij variërende rijsnelheid en gewashoeveelheid. Proefstation voor de Akkerbouw en de Groenteteelt in de Vollegrond, Rapport no. 4. Lelystad, 1977. pp. 36. Refs. 10. Dutch. Price ƒ 5,--.

M 2620 Sree Ramulu, K. (ITAL) et al. Trisomics from triploid-diploid crosses in self-incompatible Lycopersicum peruvianum. Theoretical and Applied Genetics (1977)50(3) p. 105-119. Refs. p. 118-119. English.

M 2621 Sree Ramulu, K. (ITAL) et al. Why are fertile S-heteroallelic triploids of Lycopersicum peruvianum Mill. self-incompatible? Incompatibility Newsletter (1977)(8) p. 80-82. Refs. 7. English.

M 2622 Steinbuch, E. & Rol, W. (SI). (The preservation value of some bush bean varieties.) De conservenwaarde van een aantal sperziebonerassen. Sprenger Instituut, Bulletin no. 140, Wageningen, 1977. pp. 2. Dutch.

M 2623 Stenvers, N. (SI) & Stork, H.W. (The correct picking time for tomatoes determined by yield and storage quality.) Het juiste pluktijdstip voor tomaten bepaald door opbrengst en bewaarkwaliteit. Bedrijfsontwikkeling (1977)8(7/8) p. 734-737. Dutch.

M 2624 (Survey of materials supply and yields of paprikas (heated and unheated culture) in the Westland - Netherlands.) (LEI). Overzicht van materialen en opbrengsten van paprika's (verwarmd en onverwarmd) in het Westland. Teeltjaar 1976. Landbouw-Economisch Instituut, Overzicht no. 692. The Hague, 1977. pp. 22. Dutch.

M 2625 Tas, P.W.L. (LHAV); Boerjan, M.L. & Peters, D. The structural proteins of tomato spotted wilt virus. The Journal of General Virology (1977)36(2) p. 267-279. Refs. 25. English.

M 2626 Thomas, J.B. (RUU); Kleinen Hammans, J.W. & Verwer, W. On the relative extractability of chlorophyll a 685 and chlorophyll b complexes by two detergents - in Phaseolus vulgaris. Acta Botanica Neerlandica (1977)26(4) p. 321-325. Refs. p. 324-325. English.

M 2627 Verlaat, J.G. (PAGV). (20 years weed control in vegetable culture in the open research by the PGV at Alkmaar.) 20 jaar onkruidbestrijdingsonderzoek in de vollegrondsgroenteteelt door het PGV te Alkmaar. Proefstation voor de Groenteteelt in de Vollegrond in Nederland. Alkmaar, 1977. pp. 93. Dutch.

M 2628 Virányi, F. & Henstra, S. (TFDL). Scanning electron microscopy of lettuce leaves inoculated by Bremia lactucae Regel. Acta Phytopathologica (1976)11(3-4) p. 173-182. Refs. 5. English.

M 2629 Visser, D.L. (IVT). The effect of alternating temperatures on the self-incompatibility of some clones of Brussels sprouts (Brassica oleracea L. var. gemmifera (DC.) Schulz). Euphytica (1977)26(2) p. 273-277. Refs. 15. English, with English summary.

M 2630 Zaayen, A. van. (PC). (New possibilities for the control of dry bubbles, caused by Verticillium fungicola.) Nieuwe mogelijkheden voor de bestrijding van droge mollen, veroorzaakt door Verticillium fungicola. De Champignoncultuur (1977)21(6) p. 161-167. Dutch.

Ornamentals

(Also No M 2578)

M 2631 Bemmel, P. van (PDPB) & Nölle, H.-H. (Method for evaluation of fertilizer trial in ornamentals. (II).) Ein Verfahren zur Auswertung von Düngungsversuchen bei Zierpflanzen. (II). Landwirtschaftliche Forschung (1977)30(1) p. 52-55. Refs. 2. German, with English and French summaries.

M 2632 Copijn, J. (Boomchirurg te Groenekan, (Utr.). (Trees and their growth environment - mainly with relation to diseases in urban environment.) Bomen en hun groeiomgeving. Landbouwkundig Tijdschrift (1977)89(6) p. 158-161. Dutch.

M 2633 Deurenberg, J.J.M. (KUN). Evidence against the formation of fast diffusing substances preceding fertilization in Petunia. Acta Botanica Neerlandica (1977)26(4) p. 353-355. Refs. 12. English.

M 2634 (Farm managerial aspects of supplementary lighting of the lily "Enchantment".) (LEI). Bedrijfseconomische aspecten van het bijbelichten van de lelie "Enchantment". Landbouw-Economisch Instituut, Mededeling no. 153. The Hague, 1976. pp. 24. Refs. 4. Dutch.

M 2635 (Floriculture research in the Netherlands in 1976.) (PBN). Bloemisterijonderzoek in Nederland over 1976. Proefstation voor de Bloemisterij in Nederland, Aalsmeer, 1977. pp. 181. Dutch.

M 2636 (Foundation Experimental Garden for Arboriculture "North-Netherlands". Report of the research in 1976.) Stichting Boomteeltproeftuin Noord-Nederland. Verslag van het onderzoek in 1976. Stichting Boomteeltproeftuin Noord-Nederland. Sappemeer, 1977. pp. 64. Dutch.

M 2637 Gilissen, L.J.W. (KUN). Style-controlled wilting of the flower - Petunia. Planta (1977)133(3) p. 275-280. Refs. 13. English.

M 2638 Hessel, P. (Provinciale Waterstaat van Utrecht, Utrecht); Kampf, H. & Osinga, S. (Road verge management in the Province of Utrecht.) Wegbermbeheer in de provincie Utrecht. Groen (1977) 33(7) p. 226-236. Refs. 11. Dutch.

M 2639 Mowat, W.P.; Asjes, C.J. (LBO) & Brunt, A.A. Occurrence, purification and properties of narcissus tip necrosis virus. Annals of Applied Biology (1977)86(2) p. 189-198. Refs. p. 197-198. English.

M 2641 (Research into the yields of cutting Anthuriums in the South Holland glass district. Culture year 1976.) (LEI). Onderzoek naar de opbrengsten van snij-anthuriums in het Zuidhollands Glasdistrict - Teeltjaar 1976. Landbouw-Economisch Instituut, Afdeling Tuinbouw - Overzicht no. 690, The Hague, 1977. pp. 39. Dutch.

M 2642 (Research into the yields of year round chrysanthemums. Culture year 1976.) (LEI). Onderzoek naar de opbrengsten van jaarrond-chrysanten - Teeltjaar 1976. Landbouw-Economisch Instituut, Afdeling Tuinbouw - Overzicht no. 691, The Hague, 1977. pp. 19. Dutch.

M 2643 (Research Station for Arboriculture, Boskoop. Annual report.) (PBO). Proefstation voor de Boomkwekerij. Jaarboek 1976. Vereniging 'Proefstation voor de Boomkwekerij', Boskoop, 1977. pp. 146. Dutch.

M 2644 Riem Vis, F. (IB). (An effective unit of studded rollers - for damage research on turf.) Eine effektive Stollenwalze. Rasen Turf Gazon (1977)8(2) p. 64. German, with English, German and French summaries.

M 2646 Spierings, C.J.M. & Tjoonk, L. (LEI). (The municipal personal staff in the green sector.) Het gemeentelijk personeelsbestand in de groene sector. Mededelingen LEI no. 164, The Hague, 1977. pp. 17. Dutch.

M 2645 Riem Vis, F. (IB). (Nitrogen fertilization of grass sport turfs in autumn.) Stikstofbemesting in de herfst op grassportvelden. Haren, Instituut voor Bodemvruchtbaarheid, Rapport no. 4-77, Haren (Gr.), 1977. pp. 13. Refs. 20. Dutch, with English summary.

M 2647 Vries, D.P. de (IVT) et al. (Rockwool, revolutionary culture method for roses?) Strivetten, revolutionaire teeltmethode voor rozen? Vakblad voor de Bloemisterij (1977)32(25) p. 52-55. Refs. 3. Dutch.

M 2648 Vroomen, C.O.N. de. (LEI). (Flowers from bulbs at flower bulb farms. A programming research into optimal growing combinations of flower bulbs and flowers from bulbs at farms in the Zuidelijke Bloembollenstreek - Netherlands.) Bolbloemen op bloembollenbedrijven. Een programmeringsonderzoek naar optimale teeltcombinaties van bloembollen en bolbloemen op bedrijven in de Zuidelijke Bloembollenstreek. Publikaties LEI no. 4.75, The Hague, 1977. pp. 68. Tables. Dutch, Price ƒ 12,50.

M 2649 Wijk, A.L.M. van (ICW); Verhaegh, W.B. & Beuving, J. Grass sportsfields: toplayer compaction and soil aeration. Rasen Turf Gazon (1977)8(2) p. 47-52. Refs. 13. English, with English, French and German summaries.

M 2650 (Yields of cut roses in Aalsmeer - Netherlands - culture year 1976) (LEI). Opbrengsten van snijrozen in Aalsmeer. Teeltjaar 1976. Landbouw-Economisch Instituut, Overzicht no. 689. The Hague, 1977. pp. 32. Dutch.

M 2651 Zeven, A.C.; Neijzing, M.G. & Waninge, J. (LHIVP). Attempts to hybridize gloxinia and streptocarpus. Euphytica (1977)26(2) p. 241-247. Refs. 17. English, with English summary.

M 2652 Zonderwijk, P. (PD). (The order of dressed green.) De orde van aangekleed groen. Plantenziektenkundige Dienst, Wageningen, 1977. pp. 6. Dutch.

ANIMAL HUSBANDRY

(Also Nos M 2360, 2361, 2362, 2363, 2364, 2366, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2388, 2389, 2390, 2408, 2430, 2437, 2439, 2689, 2729, 2744)

M 2653 (Annual feed statistics - Netherlands - 1974/'75.) (MLV). Jaarstatistiek van de Veevoeders, 1974/75. Ministerie van Landbouw en Visserij, Directoraat-Generaal voor de Landbouw en de Voedselvoorziening, Wageningen, 1977. pp. 35. Dutch.

M 2654 Asten, P.H.F.M. & Buis, R.C. (LHAVT). Gene frequencies of blood groups in Dutch swine breeds. Animal Blood Groups and Biochemical Genetics (1977)8(1) p. 39-43. Refs. 10. English, with English summary.

M 2655 Boer, F. de & Hamm, G.G.H. (IVB). (Effect of different protein gifts on growth and carcass quality of HF and MRIJ fattening bulls.) Effect van verschillend hoge eiwitgiften op groei en slachtkwaliteit bij vleesstieren van FH-en MRIJ-ras. Bedrijfsontwikkeling (1977)8(7) p. 699-703. Refs. 6. Dutch, with Dutch summary.

M 2656 Bogaerds, N. (LEI). (Economic report of a modern dairy farm in the - Dutch - river clay area, 1968/69 - 1974/75.) Bedrijfsverslag van een modern melkveebedrijf in het rivierkleigebied. Boekjaren 1968/69 t/m 1974/75. Publikaties - LEI no. 3.69, The Hague, 1977. pp. 51. Dutch, with Dutch summary. Price ƒ 10,--.

M 2657 Brand, A. (RUUFD); Trounson, A.O. & Straver, G.M. The use of prostaglandins in animal breeding, 2: clinical indications for the use of prostaglandins in cattle and pigs. Diergeneeskundig Memorandum (1976)23(5) p. 163-178. Refs. 26. English and Dutch.

M 2658 Brandt, H.M.P. van den (LHAVT) & Dommerholt, J. (Prediction of milk production for recommendation for supply of concentrates.) De voorspelling van de melkproduktie ten behoeve van de krachtvoeradvisering. Bedrijfsontwikkeling (1977)8(7/8) p. 676-679. Refs. 2. Dutch.

M 2659 (Comparison of some systems of potable water supply for fattening pigs.)(Varkensproefbedrijf Zuid- & West-Nederland, Sterksel (N.Br.).) Vergelijking van enkele systemen van drinkwaterverstrekking voor mestvarkens. Varkensproefbedrijf Zuid- en West-Nederland - Proefverslag no. 7. Sterksel, 1977. pp. 58. Dutch.

M 2660 Elsinghorst, H.A.M. et al. (Groepspraktijk Dierenartsen, Diessen, N.Br.). (The teaser bull - including surgery treatment.) De zoekstier. Tijdschrift voor Diergeneeskunde (1977)102(13) p. 807-810. Dutch, with English and Dutch summaries.

M 2661 Es, A.J.H. van & Honing, Y. van der. (IVH). The new system for energetic feed value evaluation for ruminants: way of derivation and final proposal. Het nieuwe energetische voederwaarderingssysteem voor herkauwers: wijze van afleiding en uiteindelijk voorstel. Instituut voor Veevoedingsonderzoek "Hoorn" - Rapport no. 92. Lelystad, 1977. pp. 48. Refs. p. 1. Dutch and English.

M 2662 Frijters, J.E.R. (IPS) & Bemelmans, J.M.H. Flavor sensitivity for chloroanisoles in coagulated egg yolk. Journal of Food Science (1977)42(4) p. 1122-1123. Refs. 15. English.

M 2663 Gaillard, C.; Dommerholt, J. (IVO) et al. AI bull evaluation standards for dairy and dual purpose breeds. Livestock Production Science (1977)4(2) p. 115-128. Refs. 5. English, with German, English and French summaries.

M 2664 Gaillard, B.D.E. & Weerden, E.J. van. (ILOB). The digestion of yeast cell wall polysaccharides in veal calves. The British Journal of Nutrition (1976)36(3) p. 471-478. Refs. 9. English.

M 2665 Haalstra, R.T. & Malestein, A. (RUU). (Feeding before and after calving.) De voeding rondom het afkalven. Bedrijfsontwikkeling (1977)8(7) p. 680-686. Refs. on request. Dutch, with Dutch summary. Also published in Tijdschrift voor Diergeneeskunde (1977)102(4).

M 2666 Haye, U. (IPS). The determination of the sperm quality in behalf of the practical application of artificial insemination in poultry. Instituut voor pluimveeonderzoek "Het Spelderholt". Rapport no. 972 P. Beekbergen, 1972. pp. 10. Refs. p. 11-13. English. (Received 1977).

M 2667 Kempen, G.J.M. van. (LHAVV). (Possibilities for nutritional research with pigs.) Mogelijkheden voor voedingsonderzoek met varkens. Bedrijfsontwikkeling (1977)8(2) p. 141-144. Refs. 5. **Dutch, with Dutch summary.**

M 2668 Kempen, G.J.M. van (IMV) & Grimbergen, A.H.M. The once or twice daily feeding of lactating sows housed on slatted floors or on straw. Zeitschrift für Tierphysiologie, Tierernährung und Futtermittelkunde (1977)38(3) p. 158-173. Refs. 19. English, with German **summary.**

M 2669 Koomans, P. (IMAG).(Fattening pigs in cheap pig houses.) Varkens mesten in goedkope stallen. Landbouwmechanisatie (1977)28(9) p. 1001-1002. Dutch, with English summary.

M 2670 Kruif, A. de (RUUFD) & Klaus, F.J.A. (Using the computer in processing data on reproduction in dairy herds.) Het gebruik van de computer ter verwerking van voortplantingsgegevens van melkveebedrijven. Tijdschrift voor Diergeneeskunde (1977)102(17) p. 1024-1033. Refs. 7. Dutch, with English and Dutch summaries.

M 2671 Minkema, D. (IVO). Studies on the genetics of trotting performance in Dutch trotters. II. A method for the breeding value estimation of trotter stallions. Annales de Génétique et de Sélection Animale **(1976)8(4) p. 511-526. Refs. 3. English.**

M 2672 (Research Station for Livestock Nutrition, Lelystad. Annual Report 1976.) (IVH). Jaarverslag 1976. Instituut voor Veevoedingsonderzoek "Hoorn", Lelystad, 1977. pp. 58. Dutch.

M 2673 Rossing, W. & Smits, A.C. (IMAG). (Automatic cow identification and its applications.) Automatische koeherkenning en zijn toepassingsmogelijkheden. Landbouwkundig Tijdschrift (1977)89(8) p. [illegible]-**284. Refs. 6. Dutch, with Dutch summary.**

M 2674 Trounson, A.O. (Queen Victoria Memorial Hospital, Melbourne (Australia). Dept. of Obstetrics and Gynaecology); Brand, A. (RUUFD) & Straver, G.M. The use of prostaglandins in animal breeding. 1 synchronisation of oestrus in cattle, pigs and sheep. Diergeneeskundig Memorandum (1976)23(5) p. 141-161. Refs. 60. **English and Dutch.**

M 2675 Tijen, W.F. van. (IPS). Shell quality in poultry as seen from the breeder's viewpoint. 1. Improvement reached after four years of selection and the effect on productivity. Poultry Science (1977)56(4) **p. 1107-1114. Refs. 8. English.**

M 2676 Tijen, W.F. van. (IPS). Shell quality in poultry as seen from the breeder's viewpoint. 2. Search for heterosis effects. Poultry Science (1977)56(4) p. 1115-1120. Refs. 4. English.

M 2677 Tijen, W.F. van. (IPS). Shell quality in poultry as seen from the breeder's viewpoint. 3. Heritabilities: expected versus accomplished response. Poultry Science (1977)56(4) p. 1121-1126. Refs. 9. **English.**

M 2678 Veldkamp, K.M. (LEI). (Farm management report on 15 years fattening of cattle on pasture(1962 up to and including 1976).) Bedrijfsverslag over 15 jaar vetweiderij (1962 t/m 1976). Mededelingen LEI no. 168. The Hague, ca. 1977 (not dated). pp. 58. **Dutch.**

M 2679 Velsen, A.F.M. van. (LHAWZ). Anaerobic digestion of piggery waste, 1: the influence of detention time and manure concentration. Netherlands Journal of Agricultural Science (1977)25(3) p. 151-169. Refs. 16. English, with English summary.

M 2680 Voorburg, J.H. (RAAD). (Processing of animal refuse in international perspective.) De verwerking van afvalstoffen van de veehouderij in internationaal perspektief. Verhandeling van de Faculteit Landbouwwetenschappen te Gent no. 14. Gent, 1976. pp. 9. Dutch.

M 2681 Vromans, J. (KUN) et al. (Dictionary of the Brabant - Netherlands - dialects - part 4.1.1.1.2. Animal husbandry). Woordenboek van de Brabantse dialecten - Aflevering 4.1.1.1.2. Veeteelt. **In**: Opera Theodisca. Van Gorcum, Assen, etc. 1977. ISBN 90 232 1358 0. p. 527-684. Dutch.

ANIMAL PRODUCTS, DAIRYING

(Also Nos M 2368, 2380, 2389, 2655, 2658, 2734)

M 2682 Beljaars, P.R. (CIVO) & Olsman, W.J. Collaborative study on the detection of caseinate and soya protein isolate in meat products. Annales de la Nutrition et de l'Alimentation (1977)31(2) p. 233-244. Refs. p. 243. English.

M 2683 Berg, G. van den; Daamen, C.B.G. & Ginkel, W. van. (NIZO). Test of the skimming efficiency of a self-desludging hermetic milk separator, type MRPX 318 HGV, manufactured by Alfa-Laval A/B, Lund (Sweden). Rapport - Bedrijven van het Nederlands Instituut voor Zuivelonderzoek no. R 107, Ede, 1977. pp. 14. English, with English and Dutch summaries.

M 2684 Galesloot, T.E. (NIZO).(Ultimate selling date and ultimate consumption date of pasteurized milk and milk products, and the effect of legal standards.) Uiterste verkoopdatum en uiterste consumptiedatum van gepasteuriseerde melk en melkprodukten, en het effect van wettelijke normen. Zuivelzicht (1977)69(29) p. 632-635. Dutch, with English summary.

M 2685 Gerats, G.E. & Snijders, J.M.A. (RUU). (Assessment of bacterial counts in the meat-processing industry, 2: the plate-loop method and the droplet method.) Bepaling van kiemgetallen in de vleesindustrie, 2: de öse -plaatmethode en de dropletmethode. Tijdschrift voor Diergeneeskunde (1977)102(16) p. 975-982. Refs. 26. Dutch, with English and Dutch summaries.

M 2686 Huisman, J. (GG & GD te Rotterdam) & Leroy, J.J. (Physician and society. Salmonellae, butchers and butcheries.) Arts en samenleving. Salmonellae, slagers en slagerijen. Nederlands Tijdschrift voor Geneeskunde (1977)121(8) p. 330-332. Refs. 4. Dutch.

M 2687 Kaltofen, R.S. (IPS). (Storage of breeding eggs in very warm weather.) Bewaring van broedeieren bij zeer warm weer. Pluimveehouderij (1977)7(25) p. 16-19. Dutch.

M 2688 Kleter, G. (LHALMT). The ripening of Gouda cheese made under strictly aseptic conditions, 2 The comparison of the activity of different starters and the influence of certain Lactobacillus strains Netherlands Milk and Dairy Journal (1977)31(3) p. 177-187. Refs. 7. English, with English and Dutch summaries.

M 2689 Koning, K. de. (IMAG). (What are the prospects for container transport of slaughter pigs?) Welche Möglichkeiten bietet der Containertransport von Schlachtschweinen? Die Fleischwirtschaft (1977)57(6) p. 1185-1188. Refs. 10. German, with English summary.

M 2690 Koops, J. (NIZO) & Klomp, H. Rapid colorimetric determination of free fatty acids (lipolysis) in milk by the copper soap method. NIZO-verslagen V183, Ede, 1977. pp. 19. Refs. 37. English. Reprinted from "Neth. Milk and Dairy Journal (1977)31 p. 56-74.

M 2691 Metz, S.H.M. (IVH) & Bergh, S.G. van den. Regulation of fat mobilization in adipose tissue of dairy cows in the period arround parturition. Netherlands Journal of Agricultural Science (1977)25(3) p. 198-211. Refs. 32. English, with English summary.

M 2692 Nieuwenhof, F.F.J. (NIZO). Mesophilic lactobacilli as a cause of nitrate reduction in Gouda cheese. Netherlands Milk and Dairy Journal (1977)31(3) p. 153-162. Refs. 11. English, with English and Dutch summaries.

M 2693 Noomen, A. (LHAZM). Noordhollandse Meshanger cheese a model for research on cheese ripening, 2: The ripening of cheese. Netherlands Milk and Dairy Journal (1977)31(2) p. 75-102. Refs. 25. English, with English and Dutch summaries.

M 2694 Noomen, A. (LHAZM). Noordhollandse Meshanger cheese a model for research on cheese ripening, 3: Manufacture of the cheese on a small scale. Netherlands Milk and Dairy Journal (1977)31(2) p. 103-108. Refs. 6. English, with English and Dutch summaries.

M 2695 Noomen, A. (LHAZM). A rapid method for the estimation of the dissolved and the undissolved nitrogen compounds in cheese. Netherlands Milk and Dairy Journal (1977)31(3) p. 163-176. Refs. 9. English, with English and Dutch summaries.

M 2696 Nouws, J.F.M. (Vleeskeuringsdienst, Havenweg 2, Nijmegen) & Ziv, G. Tissue distribution and residues of tylosin in normal and emergency-slaughtered dairy cows and calves. Archiv für Lebensmittelhygiene (1977)28(3) p. 92-94. Refs. 11. English, with German summary.

M 2697 Olsman, W.J. (CIVO) & Leeuwen, C.M. van. The assay of protein-bound nitrite in meat products. Zeitschrift für Lebensmitteluntersuchung und -Forschung (1977)164(4) p. 239-242. Refs. 18. English.

M 2698 Oortwijn, H.; Walstra, P. & Mulder, H. (LHAZM). The membranes of recombined fat globules. 1: Electron microscopy. Netherlands Milk and Dairy Journal (1977)31(2) p. 134-147. Refs. 12. English, with English and Dutch summaries.

M 2699 Payens, T.A.J. (NIZO); Wiersma, A.K. & Brinkhuis, J. On enzymatic clotting processes. 1. Kinetics of enzyme-triggered coagulation reactions. Biophysical Chemistry (1977)6(3) p. 253-261. Refs. 31. English, with English summary.

List of codes

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ANWB	Royal Netherlands Tourist Federation - Wassenaarseweg 220, The Hague
BGD	Office of Joint Services - P.O. Box 33, Wageningen
BGG	Laboratory for Soil and Crop Testing - Mariëndaal, Oosterbeek
BLO	Aphid Research Laboratory - Edeseweg 139, Bennekom
CABO	Centre for Agrobiological Research - P.O. Box 14, Wageningen
CBL	State Advisory Service for Soil in Agriculture - Marijkeweg 11, Wageningen
CBS	Netherlands Central Bureau of Statistics - Prinses Beatrixlaan 428, Voorburg
CBSC	Central Bureau of Fungal Cultures - Oosterstraat 1, Baarn
CD	Land Improvement Service - P.O. Box 20021, Utrecht
CDIL	Central Veterinary Institute - Houtribweg 39, Lelystad
CDIR	Central Veterinary Institute - P.O. Box 6007, Rotterdam
CELOS	Centre for Agricultural Research in Surinam - P.O. Box 1914, Paramaribo (Surinam)
CIVO	Central Inst. for Nutrition and Food Research, Utrechtseweg 48, Zeist
CPB	Central Planning Bureau - Van Stolkweg 14, The Hague
CPOL	State Advisory Service for Plant diseases and Weed control in agriculture - Geertjesweg 15, Wageningen
CPOT	State Advisory Service for Plant diseases and Weed control in horticulture - Geertjesweg 15, Wageningen
CRM	Ministry of Culture, Recreation and Social service - Steenvoordelaan 370, Rwk, The Hague
CV	State Advisory Service for Pig keeping, Willemsplantsoen 6, Utrecht
DAZ	Directorate General of Agriculture: Directorate of General Affairs - Bezuidenhoutseweg 73, The Hague
DB	Directorate General of Agriculture: Directorate of Farm Improvement - Bezuidenhoutseweg 73, The Hague
DF	Directorate General of Agriculture: Directorate of Fauna Management - Bezuidenhoutseweg 73, The Hague
DL	Ministry of Agriculture and Fisheries: Directorate of Agricultural Education - Bezuidenhoutseweg 73, The Hague
DLB	Surinam Forest Service - Postbus 436, Paramaribo (Surinam)
DLIV	Directorate General for Rural Planning and Fisheries - Bezuidenhoutseweg 73, The Hague
DLO	Directorate General of Agriculture: Directorate of Agricultural Research - Bezuidenhoutseweg 73, The Hague
DM	Directorate of Marketing Regulations - Bezuidenhoutseweg 73, The Hague

DVZ	Directorate of Animal Husbandry and Dairying - Bezuidenhoutseweg 73, The Hague
EIM	Economic Institute for Medium and Small Firms - Neuhuyskade 94, The Hague
EUR	Erasmus University - Rotterdam
GHO	Health Organization TNO - P.O. Box 297, The Hague
GRONTMIJ	Engineering Consultants for Land Improvement and Reclamation 'Houdringe', De Bilt
GUA	Municipal University - Amsterdam
IAAC	International Agricultural Aviation Centre - Bezuidenhoutseweg 18, The Hague
IAC	International Agricultural Centre - P.O. Box 88, Wageningen
IB	Institute for Soil Fertility - Oosterweg 92, Haren (Gr.)
IBVL	Institute for Research on Storage and Processing of Agricultural Produce - P.O. Box 18, Wageningen
ICW	Institute for Land and Water Management Research - P.O. Box 35, Wageningen
IGMB	Institute for Cereals, Flour and Bread - P.O. Box 15, Wageningen
IILC	International Institute for Land Reclamation and Improvement - P.O. Box 45, Wageningen
ILACO	Int. Land Development Consultants - Utrechtsestraat 35, Arnhem
ILOB	Institute of Agricultural Research of Biochemical Products - Haarweg 8, Wageningen
IMAG	Institute of Agricultural Engineering - P.O. Box 43, Wageningen
IMV	CLO Institute for Livestock Nutrition "De Schothorst" - Schothorsterlaan 3, Hoogland (U.)
IOO	Institute for Ecological Research - Kemperbergerweg 11, Arnhem
IPO	Institute of Phytopathological Research - P.O. Box 42, Wageningen
IPS	Spelderholt Institute for Poultry Research - Beekbergen
IRS	Institute for Sugar Production - v. Wittoucksingel 34, Bergen op Zoom
ITAL	Institute for Atomic Sciences in Agriculture - P.O. Box 48, Wageningen
ITC	International Institute for Aerial Survey and Earth Sciences - P.O. Box 6, Enschede
IV	Inspectorate of Public Health - Dr. Reijerstraat 8, Leidschendam
IVH	Research Institute for Livestock Nutrition - Runderweg 2, Lelystad
IVO	Schoonoord Research Institute for Animal Husbandry - Driebergseweg 10d, Zeist
IVRO	Institute for Research on Varieties of Field Crops - P.O. Box 32, Wageningen
IVT	Institute of Horticultural Plant Breeding - P.O. Box 16, Wageningen
KFNZ	Royal Netherlands Dairy Federation FNZ - Van de Spiegelstraat 16, The Hague
KIT	Royal Tropical Institute - Mauritskade 63, Amsterdam
KNAW	Royal Netherlands Academy of Sciences and Letters - Kloveniersburgwal 29, Amsterdam

KNHM	Royal Netherlands Land Development and Reclamation Society - Lovinklaan 1, Arnhem
KNMI	Royal Netherlands Meteorological Institute - Utrechtseweg 297, De Bilt
KNNV	Royal Netherlands Association of Natural History - Hoogwoud
KUN	Catholic University - Nijmegen
LB	Industrial Board for Agriculture - Raamweg 25-28, The Hague
LBNS	Agricultural Bureau of the Dutch Nitrogenous Fertilizer Industry - P.O.Box 6695, The Hague
LBO	Laboratory of Bulb Research - Vennestraat 22, Lisse-2160 AB.
LEI	Agr. Economics Research Institute - Conradkade 175, The Hague
LHAAB	Agricultural University: Department of Farm Management - "De Leeuwenborgh", Hollandseweg 1, Wageningen
LHAAG	Agricultural University: Department of Rural History - Hollandseseweg 1, Wageningen
LHAALB	Agricultural University: Department of General Agriculture - Agricultural Geography - Hollandseweg 1, Wageningen
LHAALH	Agricultural University: Department of Agricultural Economics - Hollandseweg 1, Wageningen
LHABB	Agricultural University: Library of the Agricultural University - Gen. Foulkesweg 1a, Wageningen
LHABC	Agricultural University: Department of Biochemistry - De Dreijen 6, Wageningen
LHABK	Agricultural University: Department of Soil Science - Duivendaal 10, Wageningen
LHABT	Agricultural University: Department of Forest Management, Silviculture and Forest Protection in the Tropics - Gen. Foulkesweg 64, Wageningen
LHABTB	Agricultural University: Department of Forest Utilization, Forest Policy, Tropical Forest History and Forest Inventory - Gen. Foulkesweg 64, Wageningen
LHAC	Agricultural University: Department of Land Drainage and Land Improvement - Nieuwe Kanaal 11, Wageningen
LHAD	Agricultural University: Department of Zoology - Hollandseweg 13, Wageningen
LHAE	Agricultural University: Department of Entomology - P.O.Box 62, Wageningen
LHAEL	Agricultural University: Department of Genetics - Gen. Foulkesweg 55, Wageningen
LHAF	Agricultural University: Department of Phytopathology - P.O.Box 85, Wageningen
LHAFD	Agricultural University: Department of Animal Physiology - Haarweg 10, Wageningen
LHAFK	Agricultural University: Department of Physical and Colloid Chemistry - De Dreijen 6, Wageningen
LHAG	Agricultural University: Department of Tillage - Diedenweg 20, Wageningen
LHAGL	Agricultural University: Department of Health Sciences (incl. Tropical Hygiene) - De Dreijen 11, Wageningen

LHAH	Agricultural University: Department of Home Economics - P.O.Box 61, Wageningen
LHAHGL	Agricultural University: Department of Silviculture in the Temperate Zone - Gen. Foulkesweg 64, Wageningen
LHAHL	Agricultural University: Department of Hydraulics - Nieuwe Kanaal 11, Wageningen
LHAIB	Agricultural University: Department of Business Administration - Gen. Foulkesweg 55, Wageningen
LHAL	Agricultural University: Department of Air Pollution - Binnenhaven 12, Wageningen
LHALA	Agricultural University: Department of Landscape Architecture - Wilhelminaweg 1, Wageningen
LHALPG	Agricultural University: Department of Field Crops and Grassland Husbandry - Haarweg 33, Wageningen
LHALBS	Agricultural University: Department of Soils and Fertilizers - De Dreijen 3, Wageningen
LHALHT	Agricultural University: Department of Development Economics - Hollandseweg 1, Wageningen
LHALM	Agricultural University: Department of Surveying - Hesselink van Suchtelenweg 6, Wageningen
LHALMT	Agricultural University: Department of Food Science - De De Dreijen 12, Wageningen
LHALT	Agricultural University: Department of Agricultural Engineering - Mansholtlaan 12, Wageningen
LHAM	Agricultural University: Department of Microbiology - Hesselink van Suchtelenweg 4, Wageningen
LHAMB	Agricultural University: Department of Molecular Biology - De Dreijen 11, Wageningen
LHAMM	Agricultural University: Department of Marketing and Marketing Research - Hollandseweg 1, Wageningen
LHAN	Agricultural University: Department of Nematology - Binnenhaven 10, Wageningen
LHANB	Agricultural University: Nature Conservation Department - Marijkeweg 15, Wageningen
LHANW	Agricultural University: Department of Physics and Meteorology - Duivendaal 2, Wageningen
LHAOC	Agricultural University: Department of Organic Chemistry - De Dreijen 5, Wageningen
LHAPK	Agricultural University: Department of Botany - Arboretumlaan 4, Wageningen
LHAPN	Agricultural University: Department of Town and Country Planning - Wilhelminaweg 1, Wageningen
LHAPO	Agricultural University: Department of Plant Physiological Research - Gen. Foulkesweg 72 & Arboretumlaan 4, Wageningen
LHAPS	Agricultural University: Department of Plant Taxonomy and Plant Geography - Gen. Foulkesweg 37, Wageningen
LHAPV	Agricultural University: Department of Poultry Husbandry - Middelbuurtseweg 9, Rhenen (post Veenendaal)

LHARSN	Agricultural University: Department of Jurisprudence and Political Science of the non-Western Countries, including Agricultural Cooperative and Credit System - Hollandseweg 1, Wageningen
LHARSW	Agricultural University: Department of Jurisprudence and Political Science of the Western Countries - Hollandseweg 1, Wageningen
LHAS	Agricultural University: Department of Rural Sociology and Sociography - Hollandseweg 1, Wageningen
LHASH	Agricultural University: Department of Economics - Hollandseweg 1, Wageningen
LHASN	Agricultural University: Department of Rural Sociology and Sociography of the Tropics and Subtropics - Hollandseweg 1, Wageningen
LHAT	Agricultural University: Department of Toxicology - De Dreijen 12, Wageningen
LHATP	Agricultural University: Department of Tropical Crop Husbandry - Prof. Ritzema Bosweg 32, Wageningen
LHATPT	Agricultural University: Department of Horticulture - Haagsteeg 3, Wageningen
LHATT	Agricultural University: Department of Theoretical Production Ecology - De Dreijen 3, Wageningen
LHAV	Agricultural University: Department of Virology - Binnenhaven 11, Wageningen
LHAVL	Agricultural University: Department of Extension Education - Heerenstraat 25, Wageningen
LHAVO	Agricultural University: Department of Food and Nutrition - Ritzema Bosweg 32a, Wageningen
LHAVP	Agricultural University: Department of Plant Ecology - De Dreijen 11, Wageningen
LHAVT	Agricultural University: Department of Animal Husbandry - Duivendaal 5, Wageningen
LHAVV	Agricultural University: Department of Animal Feeding - Haagsteeg 4, Wageningen
LHAWK	Agricultural University: Department of Mathematics - De Dreijen 8, Wageningen
LHAWW	Agricultural University: Department of Irrigation and Civil Engineering - Nieuwe Kanaal 11, Wageningen
LHAWZ	Agricultural University: Department of Water Purification - De Dreijen 12, P.O.Box 62, Wageningen
LHAZM	Agricultural University: Department of Dairying - De Dreijen 12, Wageningen
LHB	Agricultural University: Board of Governors of the Agricultural University - Salverdaplein 10, Wageningen
LHBSW	Agricultural University: Biological Station - Kampsweg 27, Wijster
LHIVP	Agricultural University: Department of Plant Breeding - Lawickse Allee 166, Wageningen
LIO	Laboratory for Insecticides Research - Marijkeweg 22, Wageningen

LPS	Agricultural Experiment Station in Surinam - Paramaribo (Surinam)
MLV	Ministry of Agriculture and Fisheries - Bezuidenhoutseweg 73, P.O. Box 20401; 2500 EK, The Hague
MLVV	Ministry of Agriculture, Animal Husbandry and Fisheries - Paramaribo (Surinam)
MOC	Research Centre for Milk Hygiene - Duivendaal 6, Wageningen
MVM	Ministry of Public Health & Environment Hygiene - Dr. Reijerstraat 8-12, Leidschendam
NAK	Netherlands General Inspection Service for Agricultural Seeds and Seed Potatoes - P.O. Box 5, Wageningen
NAKB	Netherlands General Inspection Service for Nursery Trees - Groot Hertoginnelaan 192, The Hague
NAKG	Netherlands General Inspection Service for Vegetable and Flower Seeds - Laan Copes van Cattenburch 56, The Hague
NAKS	Netherlands General Inspection Service for Ornamentals - Groot Hertoginnelaan 192, The Hague
NEI	Netherlands Economic Institute, Burgemeester Oudlaan 50, Rotterdam
NIBEM	National Institute for Malting barley, Malt and Beer - Utrechtseweg 46, Zeist
NIOZ	Netherlands Institute for Sea Research - 't Horntje, P.O. Box 59, den Hoorn, Texel
NIWARS	Netherlands Interdepartmental workinggroup for the application of remote sensing techniques - Kanaalweg 3, Delft
NIZO	Netherlands Institute for Dairying Research - P.O. Box 20, Ede
NKF	Netherlands Fertilizer Federation - Hogeweg 16, The Hague
OVB	Organization for the Improvement of Inland Fisheries - Stadhouderslaan 53, Utrecht
PAGV	Research Station for Arable Farming and for Vegetable Growing in the Open - Edelhertweg 1, Lelystad
PBN	Research Station for Floriculture in the Netherlands - Linnaeuslaan 2A, Aalsmeer
PBO	Research Station for Arboriculture - Valkenburgerlaan 3, Boskoop
PC	Research Station for Mushroom Growing - Peelheideweg - Horst-America (L.), Postbus 6042, Horst (L.)
PD	Plant Protection Service - Geertjesweg 15, Wageningen
PDPB	Philips-Duphar, Boekesteyn Experimental Garden - Zuidereinde 419, 's-Graveland
PDW	Philips-Duphar, C.J. van Houtenlaan 36, Weesp
PF	Research Station for Fruit Growing - Wilhelminadorp (post Goes)
PFL	Flevoland Experimental Farm of the Landbouwhogeschool - P.O. Box 26, Dronten
PGF	Glasshouse Crops Research and Experiment Station - Zuidweg 38, Naaldwijk
PLUVA	Foundation for Research of Poultry and Pigs, Utrechtseweg 371, Amersfoort
PLWCS	W. Commelin-Scholten Phytopathological Lab. - Javalaan 20, Baarn

PR	Research Station foor Cattle Husbandry - Runderweg 6, Lelystad
PUDOC	Centre for Agricultural Publishing and Documentation - P.O.Box 4, Wageningen
PVS	Commodity Board for Ornamental Crops - P.O.Box 361, The Hague
PZ	Commodity Board for Dairying - Winston Churchilllaan 275, Rijswijk (Z.H.)
RAAD	State Service for Dairy and Agricultural Effluent - Kemperbergerweg 11, Arnhem
RBL	Government Research Institute for Forestry and Landscape building "De Dorschkamp" - P.O.Box 23, Wageningen
RGD	Rijks Geologische Dienst, Postbus 157, Haarlem
RIDV	State Institute for the supply of drinking water, Parkweg 13, The Hague
RIN	Research Inst. for Nature Management - Kemperbergerweg 11, Arnhem
RIV	State Institute of Public Health - Postbus 1, Bilthoven
RIVO	National Fisheries Research Institute - Haringkade 1, IJmuiden
RIVRO	State Institute for Research on Varieties of Cultivated Plants - P.O.Box 32, Wageningen
RIZA	State Institute for Purification of Effluent - Westeinde 3a, Voorburg
RLD	Directorate General of Agriculture: State Agricultural Advisory Service - Bezuidenhoutseweg 73, The Hague
RPD	National Service of Town and Country Planning - Lange Voorhout 19, The Hague
RPZ	Government Seed Testing Station - Binnenhaven 1, Wageningen
RUG	State University - Groningen
RUL	State University - Leiden
RUU	State University - Utrecht
RUUFD	State University, Utrecht: Faculty of Veterinary Medecine - Biltstraat 172, Utrecht
RW	State Public Works - Van Hogenhoucklaan 60, The Hague
RIJ	IJsselmeer Polders Development and Settlement Authority - Zuiderwagenplein 2, Lelystad
RZ	State Dairy Station - Veerwijkstraat 12b, Leiden
SBB	Directorate General of Agriculture: State Forest Management - P.O. Box 20020; 3505 LA, Utrecht
SBO	Foundation for Blood Group Studies in Animals - Lawickse Allee 13, Wageningen
SDO	Veterinary Research Trust - Postbus 65, Lelystad
SGP	Poultry Health Service - Oude Rijksstraatweg 43, Doorn
SI	Sprenger Research Institute for Storage and Processing of Horticultural Produce - P.O.Box 17, Wageningen
SMLS	Foundation for Development of Mechanized Agriculture in Surinam
SNUIF	Netherlands Onion Federation Trust - P.O.Box 68, Middelharnis
SNVV	Foundation for Growing and Processing of Flax in the Netherlands - P.O.Box 26, Wageningen

STIBOKA	Netherlands Soil Survey - P.O.Box 98, Wageningen
SVP	Foundation for Agricultural Plant Breeding - P.O.Box 117, Wageningen
SVA	Foundation for Removing Refuse matter, Utrechtseweg 223, Amersfoort
TFDL	Technical and Physical Engineering Research Service - Mansholtlaan 12, Wageningen
THD	Technological University - Delft
THE	Technological University - Eindhoven
THT	Technological University - Enschede
TNO	Central organization for Research in the Applied Sciences - P.O.Box 297, The Hague
URL	Unilever Research Laboratories - P.O.Box 114, Vlaardingen
VAM	Garbage-Disposal Company - J. Obrechtstraat 67, Amsterdam
VBNN	Society for Nature Conservation in the Netherlands - Herengracht 540, Amsterdam
VD	Directorate General of Agriculture: Veterinary Service - Koningin Julianaplein 3, The Hague
VUA	Free University - Amsterdam
VV	Education Bureau for Food and Nutrition - Laan Copes van Cattenburch 44, The Hague
ZWO	Netherlands Organization for the Advancement of Pure Research - J. van Stolberglaan 148, The Hague

M 2700 Payens, T.A.J. (NIZO). On enzymatic clotting processes. 2. The colloidal instability of chymosin-treated casein micelles. Biophysical Chemistry (1977)6(3) p. 263-270. Refs. 31. English, with English summary.

M 2701 Radema, L. (NIZO). (Effect of light on butter.) De invloed van licht op boter. Zuivelzicht (1977)69(33) p. 692-694. Dutch, with English and Dutch summaries.

M 2702 Schouten, H. (Redakteur Aarde & Kosmos, Postbus 108, Huizen). (Dairy products. 1: Milk.) Zuivelprodukten. 1: Melk. Aarde & Kosmos (1977)(6) p. 353-358. Dutch.

M 2703 (Technical recommendations for milking machine installations.) (Consulentschap voor Melkwinning, Melkhygiëne en Boerenkaasbereiding, Postbus 343, Wageningen). Technische aanbevelingen voor melkmachine-installaties. Stichting Melkwinningsapparatuur, Wageningen, 1975. pp. 54. Dutch.

M 2704 Visser, F.M.W. (LHAZM). Contribution of enzymes from rennet, starter bacteria and milk to proteolysis and flavour development in Gouda cheese, 1: Description of cheese and aseptic cheesemaking techniques. Netherlands Milk and Dairy Journal (1977)31(2) p. 120-133. Refs. 26. English, with English and Dutch summaries.

M 2705 Visser, F.M.W. (LHAZM). Contribution of enzymes from rennet, starter bacteria and milk to proteolysis and flavour development in Gouda cheese. 2: Development of bitterness and cheese flavour. Netherlands Milk and Dairy Journal (1977)31(3) p. 188-209. Refs. 54. English, with English and Dutch summaries.

M 2706 Visser, F.M.W. (LHAZM). Contribution of enzymes from rennet, starter bacteria and milk to proteolysis and flavour development in Gouda cheese. 3: Protein breakdown: analysis of the soluble nitrogen and amino acid nitrogen fractions. Netherlands Milk and Dairy Journal (1977)31(3) p. 210-239. Refs. 47. English, with English and Dutch summaries.

M 2707 Walstra, P.; Mateman, G. (IVO) & Moerman, P.C. (Use of the hand-sealer in detecting boar odour in the slaughter line.) Het gebruik van de "handsealer" in de slachtlijn ter vaststelling van beregeur. Tijdschrift voor Diergeneeskunde (1977)102(15) p. 857-870. Refs. 11. Dutch, with English and Dutch summaries.

M 2708 Wesselingh, A.H. (Consulentschap voor Melkwinning, Melkhygiëne en Boerenkaasbereiding, Duivendaal 6, Wageningen). (Mechanical milking and milk production control.) Machinaal melken en melkproduktiecontrole. Bedrijfsontwikkeling (1977)8(7) p. 687-690. Refs. 5. Dutch, with Dutch summary.

M 2709 Zandstra, T. & Vries, T. de. (MOC). The pyruvate content in raw milk as an index of its bacteriological quality. Netherlands Milk and Dairy Journal (1977)31(2) p. 109-119. Refs. 11. English, with English and Dutch summaries.

WILD ANIMALS, HUNTING, FISHERIES, FISH BREEDING ETC.

(Also Nos M 2337, 2338, 2357, 2379, 2393, 2749)

M 2710 Bouquet, G.H. (MLV). (Pike standing crop and fishing.) Snoekstand en bevissing. Visserij (1976)29(8) p. 498-505. Dutch.

M 2711 Corten, A.A.H.M. (RIVO). (Conservation measures for North Sea herring: too few, too late.) Beschermingsmaatregelen voor de Noordzeeharing: te weinig en te laat. Visserij (1977)30(4) p. 154-159. Dutch, with English and Dutch summaries.

M 2712 Gieling, W.H.Th. (LEI). (Investment decisions, continuation or finishing of the business in marine fishing.) Investeringsbeslissingen, continuering of beëindiging van het bedrijf in de zeevisserij. Publikaties LEI no. 5.44. The Hague, 1977. pp. 103. Dutch, with Dutch summary. Price ƒ 17,50.

M 2713 Kluytmans, J.H. (RUUFD) et al. Time dependent changes and tissue specificities in the accumulation of anaerobic fermentation products in the sea mussel Mytilus edulis L. Comparative Biochemistry and Physiology (1977)58(1B) p. 81-87. Refs. 26. English.

M 2714 Luckhurst, B.E. & Luckhurst, K. (Caribbean Marine Biological Institute, P.O. Box 2090, Piscaderabaai, Curaçao, Netherlands Antilles). Recruitment patterns of coral reef fishes on the fringing reef of Curaçao, Netherlands Antilles. Canadian Journal of Zoology (1977)55(4) p. 681-689. Refs. 16. English, with French summary.

M 2715 Kuipers, B.R. (NIOZ). On the ecology of juvenile plaice on a tidal flat in the Wadden Sea. Netherlands Journal of Sea Research (1977)11(1) p. 56-91. Refs. 62. English, with English summary.

M 2716 Nijkamp, P. (VUA). (Exhaustion of natural resources and the 'tragedy of the commons'. A theoretical-economic survey into the problems of over-fishing.) Uitputting van natuurlijke hulpbronnen en de 'tragedy of the commons'. Een theoretisch-economische verkenning naar de problemen van overbevissing. Economist (Netherlands) (1977)125(2) p. 238-253. Refs. 28. Dutch, with English and Dutch summaries.

M 2717 Swennen, C. (NIOZ) & Duiven, P. Size of food objects of three fish-eating seabird species: Uria aalge, Alca torda, and Fratercula arctica (Aves, Alcidae). Netherlands Journal of Sea Research (1977)11(1) p. 92-98. Refs. 14. English.

M 2718 Weijdema, G. (RIN). (Selection of food by the wild rabbit, Oryctolagus cuniculus L., in the "Baronie Cranendonk" nature-reserve of the Ministry of Cultural Affairs, Recreation and Social Welfare.) Voedselkeuzebepaling van het wilde konijn, Oryctolagus cuniculus L. (1758), in het CRM-reservaat "Baronie Cranendonk". Rijksinstituut voor Natuurbeheer. Leersum, 1977. pp. 52. Refs. 9. Dutch.

M 2719 Zon, J.C.J. van. (CABO). Grass carp (Ctenopharyngodon idella Val.) in Europe. Aquatic Botany (Netherlands) (1977)3(2) p. 143-155. Refs. 79. English, with English summary.

FOOD SCIENCE

(Also Nos M 2396, 2407, 2498, 2561, 2682, 2684, 2686, 2735)

M 2720 Boer, L. (RUL). (Hunger in past, present and future - an exploration.) Honger in verleden, heden en toekomst - een verkenning. Publicaties - Instituut voor Culturele Antropologie en Sociologie der niet-westerse Volken, Rijksuniversiteit Leiden no. 19, Leiden, 1976. pp. 144. Refs. p. 123-136. Dutch.

M 2721 Bovenkamp, P. van de (LHAVO) et al. (Fat content and fatty acid composition of foodstuffs. 2. Cocktail garnitures - potato chips etc..) Vetgehalte en vetzuursamenstelling van voedingsmiddelen. 2. Borrelgarnituren. Voeding (1977)38(6) p. 262-267. Dutch.

M 2722 Bovenkamp, P. van de (LHAVO) et al. (Total lipids amount and fatty acid composition of foodstuffs. 3: snacks, 4: nuts.) Vetgehalte en vetzuursamenstelling van voedingsmiddelen, 3: automatiekwaren, 4: noten. Voeding (1977)38(8) p. 418-426. Dutch.

M 2723 Former, J.T.; Hart, F. & Schuring, H.J. (LHAVO). (Factors determining bread consumption - in the Netherlands -; quantitative test with special attention to sensory factors.) Factoren van invloed op het broodgebruik; een kwantitatief onderzoek met speciale aandacht voor subjectieve variabelen. Landbouwhogeschool, Vakgroep Humane Voeding, Wageningen, 1977. pp. 40. Refs. 10. Dutch, with English and Dutch summaries.

M 2724 Frijters, J.E.R. (IPS). (Sensory research - of foodstuffs - now and in the near future.) Sensorisch onderzoek nu en in de nabije toekomst. Voeding (1977)38(7) p. 333-339. Dutch.

M 2725 Hartog, A.P. den. (LHAVO). Adjustment of food behaviour during famine. Voeding (1977)38(7) p. 322-332. Refs. 51. English, with Dutch summary.

M 2726 Hellendoorn, E.W. (CIVO). Digestibility and flatulence activity of beans - kidney beans included. CIVO-Publikatie Nr. 1108. Zeist, 1977. pp. 9. Refs. 14. English.

M 2727 Kromhout, D. (LHAVO). (Nutrition as part of hygienic measures for prevention of cardiac and vascular diseases.)Voeding als onderdeel van hygiënische maatregelen ten behoeve van preventie van hart- en vaatziekten. Voeding (1977)38(6) p. 287-306. Refs. 57. Dutch.

M 2728 Luyken, R. (CIVO) et al. (Somatometry of Dutch adolescents and young adults, aged 12 - 25 (1960-1973).) Somatometrische gegevens van Nederlandse adolescenten en jonge volwassenen van 12 tot 25 jaar (1960-1973). Voeding (1977)38(7) p. 340-366. Refs. 12. Dutch, with English and Dutch summaries.

M 2729 Mossel, D.A.A. (RUUFD). The elimination of enteric bacterial pathogens from food and feed of animal origin by gamma irradiation with particular reference to Salmonella radicidation. Journal of Food Quality (1977)1(1) p. 85-104. Refs. p. 94-104. English.

M 2730 Schaik, T.F.S.M. (Voedingsraad, Rijswijk). Nutrition Surveys in a population. Nutrition and Metabolism (1976)20(6) p. 387-395. Refs. 2. English.

M 2731 Waals, P. van der. (Keuringsdienst van Waren, Den Haag). (Decomposition of Black 7984 (E 152) - a food color.) De ontleding van zwart 7984 (E 152). De Ware(n)-chemicus (1977)7(2) p. 66-67. Refs. 4. Dutch.

PROCESSING, TECHNOLOGY

(Also Nos M 2352, 2353, 2401, 2458, 2466, 2469, 2505, 2563, 2586, 2587, 2590, 2592, 2614, 2615, 2616, 2622, 2634, 2679, 2680, 2684, 2687, 2694, 2704)

M 2732 Bakker, P.J. (TNO). (Plastics and the environmental complex 2.) Kunststoffen en het milieucomplex 2. Chemie en Techniek (1977) 32(9) p. 315-318. Refs. 10. Dutch.

M 2733 Gels, J.A. (IMAG). (Flowing concrete offers possibilities for agricultural roads.) Vloeibeton biedt mogelijkheden. Landbouwmechanisatie (1977)28(8) p. 877-881. Dutch, with English summary.

M 2734 Gend, H.W. van (Keuringsdienst van Waren, Utrecht) & Leyenhorst, P.P. van. Automated determination of the density of liquids. Adoption of the Kratky Density Meter in the Continuous-Flow System - fruit juice, alcoholic drinks, milk. Zeitschrift für Lebensmitteluntersuchung und -Forschung (1977)163(1) p. 8-10. Ref. 1. English, with German summary.

M 2735 Heide, R.F. van der (MVM) & Veen, J. van der. (Problems in relation to deep fat frying - mainly French fried potatoes.) Problemen rondom frituurvetten. Voeding (1977)38(8) p. 406-417. Refs. 21. Dutch, with English and Dutch summaries.

M 2736 Heldens, L.J. (Mennonietenweg 21, Wageningen). (Building technical aspects of the unmetalled road and research into costs of establishment and maintenance of various road types; especially for circumstances of Dutch forest management.) Bouwtechnische aspecten van de onverharde weg en onderzoek naar kosten van aanleg en onderhoud van diverse wegtypen, toegespitst op omstandigheden binnen het Nederlandse bosbedrijf. Landbouwhogeschool, Vakgroep Bosbouwtechniek, Wageningen, 1977. pp. 89. Dutch.

M 2737 Kessel, J.F. van. (LHAM). Removal of nitrate from effluent following discharge on surface water. Water Research (1977)11(6) p. 533-537. Refs. 16. English.

M 2738 (Report of the Commission Infiltration Veluwe - for water storage.) (MVM). Rapport van de Commissie Infiltratie Veluwe, Voorz. J.L. Klein. Ministerie van Volksgezondheid en Milieuhygiëne, rapport no. 57. Den Haag, 1976. Dutch. ISBN 90 12 01572 3.

M 2739 Steinbuch, E. (SI). Technical note: Improvement of texture of frozen vegetables by stepwise blanching treatments. II. Journal of Food Technology (1977)12(4) p. 435-436. Ref. 1. English.

M 2740 Weenen, H. van. (GUA). (Disposal of refuse and environmental pollution.) Afvalverwijdering en milieuverontreiniging. Intermediair (1977)13(36) p. 9, 11, 13, 15, 17, 19, 59. Refs. 28. Dutch.

TOWN AND COUNTRY PLANNING (LANDSCAPE, ARCHITECTURE, RECREATION ETC.)

(Also Nos M 2479, 2482, 2576, 2578, 2582, 2585, 2632, 2645, 2652)

M 2741 Brink, A. van den. (LHAC). (Research with relation to recreation in the open.) Onderzoek met betrekking tot de openluchtrecreatie. Landbouwhogeschool, Vakgroep Cultuurtechniek, Wageningen, 1976. pp. 98. Refs. Dutch.

M 2742 Coeterier, J.F. (RBL). (Structural and functional aspects of landscape.) Beelddragers. Groen (1977)33(7) p. 251-256. Dutch.

M 2743 Kerstens, A.P.C. (CD). (Land division and viability 1: report of a trial survey in the land consolidation area "Koningsdiep" - Netherlands.) Landinrichting en leefbaarheid 1: verslag van een proefonderzoek in de ruilverkaveling "Koningsdiep". Cultuurtechnisch Tijdschrift (1977)17(1) p. 1-16. Refs. 8. Dutch.

M 2744 Koning, H.S. de. (CD). (Horse riding sport: the regulation of riding outdoor as form of recreation in the open.) Ruitersport: de regeling van het buitenrijden als vorm van openluchtrecreatie. Recreatievoorzieningen (1977)9(9) p. 415-418. Dutch.

M 2745 Londo, G. (RIN). (Nature parks and -gardens; establishment and maintenance.) Natuurparken en -tuinen; aanleg en onderhoud. Thieme en Cie. Zutphen, 1977. pp. 134. Dutch. ISBN 90 03 95000 8. Price ƒ 19,50. Uitgegeven in samenwerking met het Instituut voor Natuurbeschermings-educatie te Amsterdam, de Koninklijke Mij. Tuinbouw en Plantkunde, Den Haag en de Vereniging tot Behoud van Natuurmonumenten in Nederland, te 's-Graveland. Tevens uitgave no. 24 van de Bibliotheek van de Koninklijke Nederlandse Natuurhistorische Vereniging, Hoogwoud (NH), 1977 en Verhandeling no. 10 van het Rijksinstituut voor Natuurbeheer, Leersum, 1977.

M 2746 Peet, G. (Werkgroep 2000, Amersfoort). (Midden Delfland - a planological experimental garden.) Midden Delfland, een planologiese proeftuin. Katernen 2000 (1977)(2) pp. 22. Dutch. Price ƒ 4,70.

M 2747 Perlo, L.A.M. van. (SBB). (The landscape in the Veenkoloniën.) Het veenkoloniale landschap. Groen (1977)33(7) p. 237-244. Dutch.

M 2748 (Research with importance for zoning. Report of the Survey commission Research with importance for zoning.) (Min. v. Onderwijs & Wetenschappen, Den Haag). Onderzoek en ruimtelijk beleid. Rapport van de Verkenningscommissie Onderzoek van belang voor het Ruimtelijk Beleid. Staatsuitgeverij, Den Haag, 1977. pp. 76. Dutch. ISBN 90 12 01734 3.

M 2749 Slingenberg, M.H. (LHAN). (Economic aspects of game, recreation and forest management Hoge Veluwe - Nature reserve; January - March 1977.) Economische aspecten van jacht-, recreatie- en bosbeheer van de Hoge Veluwe; januari - maart 1977. Landbouwhogeschool, Afdeling Natuurbeheer, Verslag no. 374. Wageningen, 1977. pp. 30. Dutch.

M 2750 (The values - and floodplains - of South Holland.) (St. "Zuid-Holl. Landschap", Schiedamse vest 46 E, Rotterdam). Waarden van Zuid-Holland. Stichting "Het Zuidhollands Landschap", Rotterdam, 1976. pp. 172. Refs. p. 163-168. Dutch. Price ƒ 35,--.

M 2751 Veer, A.A. de. (STIBOKA). (Spatial classification of the Dutch landscape.) De ruimtelijke classificatie van het Nederlandse landschap. Geografisch Tijdschrift (1977)11(2) p. 98-109. Refs. p. 108-109. Dutch, with English summary.

M 2752 Weerdenburg, L.J.M. (THT). (Farmers between economics and landscape.) Boeren tussen economie en landschap. Landbouwkundig Tijdschrift PT (1977)89(7) p. 248-254. Dutch.

LANGUAGES AND LITERATURE

(See No. M 2681)

GEOGRAPHY

(See No. M 2465)

Index of institutes and organizations, Pudoc Bulletin; Volume 17.

ANWB M 68, 1757.
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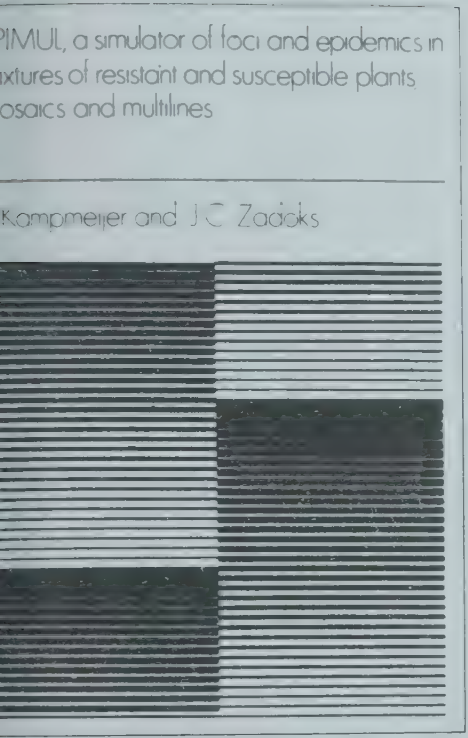

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